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OKLAHOMA HEALTH STATISTICS

1987

OKLAHOMA STATE DEPARTMENT OF HEALTH
DIVISION OF DATA MANAGEMENT
1000 N. E. 10th STREET
P. O. BOX 53551
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This publication, printed by the Statistics Section of the Division of Data Management, as authorized by Joan K. Leavitt, M.D., Commissioner of Health, iss issued by the Oklahoma State Department of Health. Seven Hundred and fifty copies were prepared, printed and distributed at an estimated cost of $8630. Copies have been deposited with the Publications Clearinghouse of the Oklahoma Department of Libraries.

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PREFACE

The 1987 edition of *Oklahoma Health Statistics* is designed to acquaint the public with health data for the State. The publication is a final summary of vital statistics for the calendar year of 1987. Emphasis was placed on several selected causes of death in order that their impact upon the State is fully realized.

In addition to this annual publication, the Public Health Statistics Section publishes a *Monthly Vital Statistics Report* which is a summary of provisional and statistical studies of special interest to persons in health related fields. This report is available to interested persons free of charge upon written request.

Any comments or suggestions for additional information are welcomed and should be directed to:

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G. E. Landry
Director
Division of Data Management

CONFIDENTIALITY OF VITAL STATISTICS

Oklahoma law assures confidentiality of Vital Statistics as indicated by Oklahoma Statutes Title 63 (Public Health Code) Section 1-323 below:

> Vital statistics records confidential - Exceptions.
>
> (a) To protect the integrity of vital statistics records, to insure their proper use, and to insure the efficient and proper administration of the vital statistics system, it shall be unlawful for any person to permit inspection of, or to disclose information contained in, vital statistics records or to copy or issue a copy of all or part of any such record except to the person himself or in his interest unless ordered to do so by a court of competent jurisdiction; provided, however, that death certificates shall be issued upon request and the payment of of applicable fees as provided in Section 1-325 of this Code.
>
> (b) The State Commissioner of Health may authorize the disclosure of data contained in vital statistics records for research purposes.
>
> (c) Information in vital statistics records indicating that a birth occurred out of wedlock shall not be disclosed except as provided by regulations or upon order of a court of competent jurisdiction. Laws 1963, c. 325, art. 3, Section 323; Laws 1968, c 44, Section 1, Emerg. Eff. March 7, 1968.

The State Department of Health observes the attached policies in determining when vital statistics may be released.

POLICIES

1. The State Department of Health may agree to joint participation in agency research projects, stipulating work to be carried out by the parties to such agreement.

2. Distribution may be made of lists of certain confidential events to approved agencies.

3. Copies of portions of confidential records may be furnished to Oklahoma agencies upon specific request, with acceptable justification for such request and assurance that such copies will be returned as soon as essential information is extracted.

4. No non-specific searches will be made. Accredited individuals or representatives or inter-state agencies may be granted permission to search indices if justification is adequate.

5. Costs of research data furnished government with the State Health Department, must be borne by the researching agency.

6. Copies of Death Certificates may be provided at a cost of five (5) dollars for each copy to anyone upon request.

7. Industrial firms may not receive copies of confidential data unless they are engaged in research in cooperation with a government or non-profit health agency, in which case policies for governmental or non-profit agencies shall apply.

8. Except under conditions outlined above, no copies of vital records will be furnished unless authorized by persons named in such records or, if deceased, by their nearest of kin.

9. Official records shall not be removed from the security storage area.

10. To obtain data from confidential records, please contact one of the following persons, the State Registrar, the Director of Data Management, or the Assistant Commissioner for Administration, State Department of Health, Northeast Tenth and Stonewall, P. O. Box 53551 Oklahoma City, Oklahoma 73152.

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METHODOLOGY

In order to facilitate understanding of the various tables presented throughout this volume, the mode by which the data is compiled is discussed.

Sources of Vital Statistics Data

The source documents for the natality and mortality data were the certificates of live births, deaths, and fetal deaths which were received in the Oklahoma State Department of Health prior to April 15, 1988.

Since most birth and death statistics are tabulated according to place of residence rather than where the event occurred, Oklahoma participates in a record exchange with other states so that those Oklahoma residents who give birth or die out-of-state can be included in the Oklahoma figures. Births and deaths are also reallocated within the state to the county of residence for statistical purposes.

Data relating to marriages and divorces was tabulated from monthly reports received from the court clerks of the county where the event occurred. Marriage and divorce date are tabulated by county of occurrence only.

Information obtained from the Certificates

The staff of Public Health Statistics code the information on the certificates in order that the data can computerized for ease of retrieval. The data coded on the birth certificaters incorporates various Socio-demographic characteristics of the parents and information about the infant (e. g., birth weight). The data coded on the death certificates includes socio-demographic data about the deceased, the underlying cause of death, and the National Safety Council accident codes if the cause of death was an accident.

Cause of Death Classification

The underlying cause of death is determined from the medical certification section of the death certificates in accordance with procedures established by the National Center for Health Statistics. Codes are assigned from the *Ninth Revision, International Classification of Diseases, Adapted for the International Community, 1975 (ICDA).*

In several tables, individual causes of death have been grouped into 34 causes. The leading causes were selected by a further grouping of the 34 causes.

HOW TO OBTAIN A COPY OF YOUR BIRTH CERTIFICATE

Births are recorded in the State where the birth occurs. For persons born outside Oklahoma, the State of Birth should be contacted in order to obtain copies of the Birth record.

For the Oklahoma born, application for a certified copy of the Birth is made by writing to the Vital Records Section, State Department of Health, Northeast 10th & Stonewall, P.O. Box 53551, Oklahoma City, Oklahoma 73152. A fee of five ($5.00) dollars must be inclosed to cover the cost of a search of the files and the issuing of a certified copy of birth certificate if a record is found. A self-addressed stamped envelope is helpful also.

If the birth has not been recorded for a child, please contact the State Deparatment of Health, Vital Records Section.

Birth certificates were first recorded by the Division of Vital Statistics in 1908.

DEATH CERTIFICATES

The certificate of Death must be filed with the local registrar within 3 days after the occurrence is known. The funeral director or other person in charge of internment is responsible for completing the non-medical portion before filing the certificate with the local registrar. The physician, coroner, or county health officer, as appropriate, has the responsibility for completing the medical portion of the certificate of Death within twenty-four hours after receipt of the certificate.

The medical portion of the certificate contains such information as the cause of death, antecedent conditions leading to the cause of death, place and time of death, and other medical information necessary to properly classify the death.

For persons who die in Oklahoma, application for a certified copy of the death is made by writing to the Vital Records Section, State Department of Health, Northeast 10th & Stonewall, P.O. Box 53551, Oklahoma City, Oklahoma 73152. A fee of five ($5.00) dollars must be enclosed to cover the cost of a search of the files and the issuing of a certified copy of the death certificate is a record is found. A self-addressed stamped envelope is helpful also.

Death Certificates were first recorded by the Division of Vital Statistics in 1908.

MARRIAGES AND DIVORCES

All marriages and divorce records are on file with the Court Clerk of each county in which the Marriage of Divorce was granted.

REFERENCE TABLES

Symbols Used in Tables

-	Number or rate is zero
---	Date not available
0.0	Rate is more than zero but is less than 0.05
...	Item not applicable

The rates in the following tables are expressed per 100,000 population.

Table 1
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1930		1931		1932	
	2,396,000		2,390,100		2,384,100	
POPULATION	Number	Rate	Number	Rate	Number	Rate
Live births	42,505	1774.0	43,269	1810.3	41,039	1721.4
Physician in hospital	-	-	-	-	-	-
Physician not in hospital	-	-	-	-	-	-
Midwife, other, unknown	-	-	-	-	-	-
Stillbirths	1283	29.3	1057	23.8	1056	25.1
Physician in hospital	-	-	-	-	-	-
Physician not in hospital	-	-	-	-	-	-
Midwife, other, or unknown	-	-	-	-	-	-
Total deaths, all causes	19,646	819.9	18,802	786.7	19,285	808.9
Deaths under 1 year	2581	60.7	2228	51.5	2052	50.0
Deaths under 1 month	1381	32.5	1234	28.5	1132	27.6
Tuberculosis (010-018)	1222	51.0	1232	51.5	1090	45.7
Syphilis (090-097)	73	3.0	70	2.9	73	3.1
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	922	38.5	640	26.8	590	24.7
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1197	50.0	1250	52.3	1365	57.3
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	147	6.1	166	6.9	196	8.2
Major cardiovascular diseases (390-448)	4312	180.0	4479	187.4	4847	203.3
Diseases of the heart (390-398, 402, 404-429)	2538	105.9	2666	111.5	2839	119.1
Rheumatic fever and rheumatic heart disease (390-398)	231	9.6	223	9.3	259	10.9
Hypertensive heart disease with or without renal disease (402,404)	224	9.3	237	9.9	251	10.5
Ischemic heart disease (410-414)	1728	72.0	1833	76.7	1939	81.3
Other heart diseases (415-429)	355	14.8	373	15.6	390	16.4
Hypertension with or without renal disease (401, 403)	87	3.6	135	5.6	126	5.3
Cerebrovascular disease (430-438)	1471	61.4	1500	62.8	1640	68.8
Arteriosclerosis (440)	164	6.8	135	5.6	184	7.7
Other diseases of arterioes, arterioles, and capillaries (441-448)	52	2.2	43	1.8	58	2.4
Pneumonia and influenza (480-487)	1895	79.1	2219	92.8	2692	112.9
Chronic obstructive pulmonary disease and allied conditions (490-496)	127	5.3	122	5.1	103	4.3
Ulcer of stomach and duodenum (531-533)	124	5.2	121	5.1	113	4.7
Chronic liver disease and cirrhosis (571)	85	3.5	80	3.3	76	3.2
Nephritis, nephrotic syndrome and nephrosis (580-589)	438	18.3	396	16.6	421	17.7
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	258	10.8	222	9.3	217	9.1
Certain conditions originating in the perinatal period (760-779)	952	39.7	822	34.4	802	33.6
Symptoms, signs, and ill-defined conditions (780-799)	1086	45.3	807	33.8	691	29.0
All other diseases (Residual)	4731	197.3	4364	182.7	4155	173.9
Motor vehicle accidents (E810-E825)	511	21.3	442	18.5	463	19.4
All other accidents and adverse effects (E800-E807, E826-E949)	994	41.5	779	32.6	803	33.7
Suicide (E950-E959)	222	9.3	253	10.6	264	11.1
Homicide and legal intervention (E960-E978)	267	11.1	271	11.3	264	11.1
All other external causes (E980-E999)	86	3.6	67	2.8	70	2.9

* Rate for Attendant at Birth is Equal to the Percent of Total.
** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table I
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1933		1934		1935	
POPULATION	2,378,200		2,372,200		2,366,200	
	Number	Rate	Number	Rate	Number	Rate
Live births	43,697	1837.4	47,302	1994.0	43,691	1846.5
Physician in hospital	-	-	-	-	-	-
Physician not in hospital	-	-	-	-	-	-
Midwife, other, unknown	-	-	-	-	-	-
Stillbirths	1126	25.1	1301	26.8	1269	28.2
Physician in hospital	-	-	-	-	-	-
Physician not in hospital	-	-	-	-	-	-
Midwife, other, or unknown	-	-	-	-	-	-
Total deaths, all causes	20,309	854.0	21,373	901.0	21,091	891.3
Deaths under 1 year	2466	56.4	2864	60.5	2384	54.6
Deaths under 1 month	1291	29.5	1528	32.3	1277	29.2
Tuberculosis (010-018)	1134	47.7	1089	45.9	83	45.8
Syphilis (090-097)	73	3.1	84	3.5	66	3.6
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	828	34.8	855	36.0	696	29.4
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1505	63.3	1569	66.1	1517	64.1
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	180	7.6	206	8.7	212	9.0
Major cardiovascular diseases (390-448)	5317	223.6	5341	225.1	5670	239.6
Diseases of the heart (390-398, 402, 404-429)	3161	132.9	3119	131.5	3457	146.1
Rheumatic fever and rheumatic heart disease (390-398)	263	11.1	256	10.8	260	11.0
Hypertensive heart disease with or without renal disease (402,404)	282	11.9	279	11.8	313	13.2
Ischemic heart disease (410-414)	2182	91.8	2159	91.0	2414	102.0
Other heart diseases (415-429)	434	18.2	425	17.9	470	19.8
Hypertension with or without renal disease (401, 403)	142	6.0	155	6.5	161	6.8
Cerebrovascular disease (430-438)	1732	72.8	1757	74.1	1793	75.8
Arteriosclerosis (440)	214	9.0	235	9.9	197	8.3
Other diseases of arterioes, arterioles, and capillaries (441-448)	68	2.9	75	3.2	62	2.6
Pneumonia and influenza (480-487)	2575	108.3	2309	97.3	2661	112.5
Chronic obstructive pulmonary disease and allied conditions (490-496)	122	5.1	128	5.4	126	5.3
Ulcer of stomach and duodenum (531-533)	120	5.0	126	5.3	120	5.1
Chronic liver disease and cirrhosis (571)	89	3.7	88	3.7	91	3.8
Nephritis, nephrotic syndrome and nephrosis (580-589)	399	16.8	443	18.7	477	20.2
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	232	9.8	293	12.4	235	9.9
Certain conditions originating in the perinatal period (760-779)	858	36.1	1081	45.6	868	36.7
Symptoms, signs, and ill-defined conditions (780-799)	742	31.2	799	33.7	729	30.8
All other diseases (Residual)	4225	177.5	4900	206.5	4410	186.4
Motor vehicle accidents (E810-E825)	511	21.5	613	25.8	683	28.9
All other accidents and adverse effects (E800-E807, E826-E949)	789	33.2	857	36.1	887	37.5
Suicide (E950-E959)	230	9.7	214	9.0	240	10.1
Homicide and legal intervention (E960-E978)	312	13.1	304	12.4	224	9.5
All other external causes (E980-E999)	68	2.9	74	3.1	76	3.2

* Rate for Attendant at Birth is Equal to the Percent of Total.
** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table 1

Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1936		1937		1938	
POPULATION	2,360,300		2,354,300		2,346,400	
	Number	Rate	Number	Rate	Number	Rate
Live births	41,815	1771.6	41,223	1751.0	44,190	1881.7
Physician in hospital	-	-	-	-	-	-
Physician not in hospital	-	-	-	-	-	-
Midwife, other, unknown	-	-	-	-	-	-
Stillbirths	1182	27.5	1170	27.6	1215	26.8
Physician in hospital	-	-	-	-	-	-
Physician not in hospital	-	-	-	-	-	-
Midwife, other, or unknown	-	-	-	-	-	-
Total deaths, all causes	23,250	985.0	21,399	908.9	20,422	869.6
Deaths under 1 year	2509	60.0	2354	57.1	2202	49.8
Deaths under 1 month	1368	32.7	1329	32.2	1285	29.1
Tuberculosis (010-018)	1212	51.3	1163	49.4	1054	44.9
Syphilis (090-097)	95	4.0	87	3.7	99	4.2
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	843	35.7	687	29.2	549	23.4
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1709	72.4	1846	78.4	1816	77.3
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	253	10.7	220	9.3	232	9.9
Major cardiovascular diseases (390-448)	6199	262.6	5777	245.4	5970	254.2
Diseases of the heart (390-398, 402, 404-429)	3824	162.0	3629	154.1	3751	159.7
Rheumatic fever and rheumatic heart disease (390-398)	284	12.0	248	10.5	261	11.1
Hypertensive heart disease with or without renal disease (402,404)	347	14.7	332	14.1	343	14.6
Ischemic heart disease (410-414)	2678	113.5	2562	108.8	2649	112.8
Other heart diseases (415-429)	515	21.8	487	20.6	498	21.3
Hypertension with or without renal disease (401, 403)	168	7.1	110	4.7	97	4.1
Cerebrovascular disease (430-438)	1870	79.2	1738	73.8	1807	76.9
Arteriosclerosis (440)	256	10.8	228	9.7	239	10.2
Other diseases of arteries, arterioles, and capillaries (441-448)	81	3.4	72	3.1	76	3.2
Pneumonia and influenza (480-487)	3411	144.5	2752	116.9	1816	77.3
Chronic obstructive pulmonary disease and allied conditions (490-496)	127	5.4	111	4.7	112	4.8
Ulcer of stomach and duodenum (531-533)	114	4.8	110	4.7	107	4.6
Chronic liver disease and cirrhosis (571)	95	4.0	81	3.4	79	3.4
Nephritis, nephrotic syndrome and nephrosis (580-589)	531	22.5	571	24.3	535	22.8
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	256	10.8	261	11.1	252	10.7
Certain conditions originating in the perinatal period (760-779)	946	40.1	963	40.9	931	39.6
Symptoms, signs, and ill-defined conditions (780-799)	786	33.3	865	36.7	939	40.0
All other diseases (Residual)	4384	186.1	3979	169.1	3962	168.7
Motor vehicle accidents (E810-E825)	656	27.8	632	26.8	588	25.0
All other accidents and adverse effects (E800-E807, E826-E949)	1081	45.8	802	34.1	878	37.4
Suicide (E950-E959)	225	9.5	254	10.8	252	10.7
Homicide and legal intervention (E960-E978)	222	9.4	169	7.2	175	7.5
All other external causes (E980-E999)	93	3.9	69	2.9	76	3.2

* Rate for Attendant at Birth is Equal to the Percent of Total.

** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table 1
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1939		1940		1941	
POPULATION	2,342,400		2,336,434		2,326,100	
	Number	Rate	Number	Rate	Number	Rate
Live births	42,760	1825.5	44,258	1894.3	45,313	1948.0
Physician in hospital	-	-	17,740	40.1	20,999	46.3
Physician not in hospital	-	-	25,216	57.0	22,677	50.0
Midwife, other, unknown	-	-	1302	2.9	1637	3.6
Stillbirths	1277	29.0	1298	28.5	1252	26.9
Physician in hospital	-	-	583	44.9	553	44.2
Physician not in hospital	-	-	661	50.9	648	51.8
Midwife, other, or unknown	-	-	54	4.2	51	4.1
Total deaths, all causes	20,657	881.9	20,618	882.5	20,097	864.0
Deaths under 1 year	2187	51.1	2236	50.5	2181	48.1
Deaths under 1 month	1377	32.2	1319	29.8	1377	30.4
Tuberculosis (010-018)	1066	42.9	1054	45.1	996	42.8
Syphilis (090-097)	90	3.8	88	3.8	75	3.2
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	610	26.1	557	23.8	363	15.6
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1863	79.5	1962	84.0	1960	84.3
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	232	9.9	228	9.8	235	10.1
Major cardiovascular diseases (390-448)	6491	277.1	6731	288.1	6934	298.1
Diseases of the heart (390-398, 402, 404-429)	3871	165.3	4255	182.1	4636	199.3
Rheumatic fever and rheumatic heart disease (390-398)	282	12.0	335	14.3	343	14.7
Hypertensive heart disease with or without renal disease (402,404)	353	15.1	387	16.6	424	18.2
Ischemic heart disease (410-414)	2729	116.5	2985	127.8	3275	140.8
Other heart diseases (415-429)	507	21.6	548	23.4	594	25.6
Hypertension with or without renal disease (401, 403)	161	6.9	181	7.7	119	5.1
Cerebrovascular disease (430-438)	2066	88.2	1986	85.0	1904	81.9
Arteriosclerosis (440)	299	12.8	235	10.1	209	9.0
Other diseases of arterioes, arterioles, and capillaries (441-448)	94	4.0	74	3.2	66	2.8
Pneumonia and influenza (480-487)	1821	77.7	1889	80.8	1636	70.3
Chronic obstructive pulmonary disease and allied conditions (490-496)	115	4.9	100	4.3	94	4.0
Ulcer of stomach and duodenum (531-533)	128	5.5	95	4.1	87	3.7
Chronic liver disease and cirrhosis (571)	86	3.7	99	4.2	79	3.4
Nephritis, nephrotic syndrome and nephrosis (580-589)	459	19.6	531	22.7	476	20.5
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	285	11.3	277	11.9	295	12.7
Certain conditions originating in the perinatal period (760-779)	980	41.8	1022	43.7	1088	46.8
Symptoms, signs, and ill-defined conditions (780-799)	977	41.7	971	41.6	887	38.1
All other diseases (Residual)	3723	158.9	3399	145.4	3174	136.2
Motor vehicle accidents (E810-E825)	518	22.1	473	20.2	510	21.9
All other accidents and adverse effects (E800-E807, E826-E949)	837	35.7	741	31.7	803	34.5
Suicide (E950-E959)	211	9.0	188	8.0	198	8.5
Homicide and legal intervention (E960-E978)	172	7.3	149	6.4	137	5.9
All other external causes (E980-E999)	73	3.1	64	2.7	70	3.0

* Rate for Attendant at Birth is Equal to the Percent of Total.

** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table 1
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1942		1943		1944	
POPULATION	2,315,800		2,305,500		2,295,200	
	Number	Rate	Number	Rate	Number	Rate
Live births	45,277	1955.1	47,800	2073.3	46,885	2042.7
Physician in hospital	24,812	54.8	29,180	61.0	31,580	67.4
Physician not in hospital	18,985	41.9	17,064	35.7	13,510	28.8
Midwife, other, unknown	1480	3.3	1556	3.3	1795	3.8
Stillbirths	911	19.7	928	19.0	964	20.1
Physician in hospital	511	56.1	575	62.0	631	65.5
Physician not in hospital	383	42.0	311	33.5	313	32.5
Midwife, other, or unknown	17	1.9	42	4.5	20	2.1
Total deaths, all causes	18,985	819.8	19,765	857.3	18,796	818.9
Deaths under 1 year	1901	42.0	2071	43.3	1874	40.0
Deaths under 1 month	1156	25.5	1273	26.6	1131	24.1
Tuberculosis (010-018)	912	39.4	870	37.7	836	36.4
Syphilis (090-097)	57	2.5	70	3.0	61	2.7
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	363	15.6	392	17.0	373	16.2
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1967	84.9	1958	84.9	2054	89.5
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	230	9.9	263	11.4	224	9.8
Major cardiovascular diseases (390-448)	6962	300.6	7467	323.9	7096	309.2
Diseases of the heart (390-398, 402, 404-429)	4518	195.1	4768	206.8	4631	201.8
Rheumatic fever and rheumatic heart disease (390-398)	330	14.2	351	15.2	339	14.8
Hypertensive heart disease with or without renal disease (402,404)	414	17.9	438	19.0	426	18.6
Ischemic heart disease (410-414)	3200	138.2	3381	146.6	3291	143.4
Other heart diseases (415-429)	574	24.8	598	26.0	575	25.0
Hypertension with or without renal disease (401, 403)	123	5.3	203	8.8	200	8.7
Cerebrovascular disease (430-438)	2017	87.1	2142	92.9	1948	84.9
Arteriosclerosis (440)	231	10.0	269	11.7	241	10.5
Other diseases of arteries, arterioles, and capillaries (441-448)	73	3.2	85	3.7	76	3.3
Pneumonia and influenza (480-487)	1137	49.1	1224	53.1	1225	53.4
Chronic obstructive pulmonary disease and allied conditions (490-496)	99	4.3	103	4.5	121	5.3
Ulcer of stomach and duodenum (531-533)	90	3.9	87	3.8	104	4.5
Chronic liver disease and cirrhosis (571)	85	3.7	95	4.1	70	3.0
Nephritis, nephrotic syndrome and nephrosis (580-589)	420	18.1	455	19.7	415	18.1
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	237	10.2	271	11.8	250	10.9
Certain conditions originating in the perinatal period (760-779)	874	37.7	1000	43.4	924	40.3
Symptoms, signs, and ill-defined conditions (780-799)	931	40.2	1049	45.5	477	20.8
All other diseases (Residual)	2951	127.9	2889	125.3	3040	132.4
Motor vehicle accidents (E810-E825)	342	14.8	293	12.7	329	14.3
All other accidents and adverse effects (E800-E807, E826-E949)	947	40.9	953	41.3	887	38.6
Suicide (E950-E959)	161	7.0	144	6.2	142	6.2
Homicide and legal intervention (E960-E978)	129	5.6	100	4.3	92	4.0
All other external causes (E980-E999)	81	3.5	82	3.6	76	3.3

* Rate for Attendant at Birth is Equal to the Percent of Total.
** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table 1

Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes Number and Rate*, Oklahoma, 1930 - 1987

	1945		1946		1947	
POPULATION	2,284,900		2,274,600		2,264,300	
	Number	Rate	Number	Rate	Number	Rate
Live births	43,405	1889.6	50,043	2200.1	52,691	2327.0
Physician in hospital	39,194	71.9	38,786	77.5	41,424	78.6
Physician not in hospital	10,729	24.7	9752	19.5	9832	18.7
Midwife, other, unknown	1482	3.4	1505	3.0	1435	2.7
Stillbirths	1097	24.7	1093	21.4	1043	19.4
Physician in hospital	730	66.5	789	72.2	756	72.5
Physician not in hospital	339	30.9	273	25.0	254	24.4
Midwife, other, or unknown	28	2.6	31	2.8	33	3.2
Total deaths, all causes	18,731	819.8	18,420	809.8	19,101	843.6
Deaths under 1 year	1727	39.8	1641	32.8	1716	32.6
Deaths under 1 month	1100	25.3	1135	22.7	1190	22.6
Tuberculosis (010-018)	771	33.7	660	29.0	663	29.3
Syphilis (090-097)	58	2.5	64	2.8	59	2.6
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	301	13.1	210	9.2	205	9.0
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	2212	96.8	2224	97.8	2354	104.0
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	245	10.7	237	10.4	243	10.7
Major cardiovascular diseases (390-448)	7208	315.5	7495	329.5	7980	352.4
Diseases of the heart (390-398, 402, 404-429)	4605	201.5	4831	212.4	5215	230.3
Rheumatic fever and rheumatic heart disease (390-398)	287	12.6	286	12.6	237	10.5
Hypertensive heart disease with or without renal disease (402,404)	429	18.8	453	19.9	497	21.9
Ischemic heart disease (410-414)	3316	145.1	3497	153.7	3836	169.4
Other heart diseases (415-429)	573	25.0	595	26.2	645	28.5
Hypertension with or without renal disease (401, 403)	271	11.9	245	10.8	293	12.9
Cerebrovascular disease (430-438)	2006	87.8	2090	91.9	2118	93.5
Arteriosclerosis (440)	247	10.8	250	11.0	269	11.9
Other diseases of arterioes, arterioles, and capillaries (441-448)	79	3.5	79	3.5	85	3.8
Pneumonia and influenza (480-487)	1023	44.8	896	39.4	928	41.0
Chronic obstructive pulmonary disease and allied conditions (490-496)	98	4.3	87	3.8	94	4.2
Ulcer of stomach and duodenum (531-533)	68	3.0	79	3.5	89	3.9
Chronic liver disease and cirrhosis (571)	84	3.7	109	4.8	94	4.2
Nephritis, nephrotic syndrome and nephrosis (580-589)	403	17.6	369	16.2	366	16.2
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	213	9.3	267	11.7	263	11.6
Certain conditions originating in the perinatal period (760-779)	844	36.9	929	40.8	933	41.2
Symptoms, signs, and ill-defined conditions (780-799)	813	35.6	694	30.5	713	31.5
All other diseases (Residual)	2650	116.0	2391	105.0	2318	102.4
Motor vehicle accidents (E810-E825)	428	18.7	530	23.3	526	23.2
All other accidents and adverse effects (E800-E807, E826-E949)	948	41.5	824	36.2	907	40.1
Suicide (E950-E959)	147	6.4	156	6.9	137	6.1
Homicide and legal intervention (E960-E978)	135	5.9	128	5.6	150	6.6
All other external causes (E980-E999)	82	3.6	71	3.1	79	3.5

* Rate for Attendant at Birth is Equal to the Percent of Total

** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table 1

Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1948		1949		1950	
POPULATION	2,254,000		2,243,700		2,233,351	
	Number	Rate	Number	Rate	Number	Rate
Live births	50,428	2237.3	49,971	2227.2	50,472	2259.9
Physician in hospital	40,545	80.4	41,078	82.2	42,543	84.3
Physician not in hospital	8426	16.7	7507	15.0	6567	13.0
Midwife, other, unknown	1457	2.9	1386	2.8	1362	2.7
Stillbirths	914	17.8	860	16.9	825	16.1
Physician in hospital	702	76.8	655	76.2	669	81.1
Physician not in hospital	179	19.6	167	19.4	124	15.0
Midwife, other, or unknown	33	3.6	38	4.4	32	3.9
Total deaths, all causes	19,074	846.2	19,346	862.2	19,431	870.0
Deaths under 1 year	1721	34.1	1529	30.6	1509	29.9
Deaths under 1 month	1134	23.5	1090	21.8	1067	21.1
Tuberculosis (010-018)	583	25.9	514	22.9	487	21.8
Syphilis (090-097)	54	2.4	47	2.1	42	1.9
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	227	10.1	215	9.6	185	8.3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	2490	110.5	2588	114.0	2682	120.1
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	270	12.0	305	13.6	315	14.1
Major cardiovascular diseases (390-448)	8161	362.1	8533	380.3	8820	394.9
Diseases of the heart (390-398, 402, 404-429)	5456	242.1	5656	252.1	5849	261.9
Rheumatic fever and rheumatic heart disease (390-398)	257	11.4	260	11.6	245	11.0
Hypertensive heart disease with or without renal disease (402,404)	520	23.1	540	24.1	518	23.1
Ischemic heart disease (410-414)	4013	178.0	4173	186.0	4290	192.1
Other heart diseases (415-429)	666	29.5	683	30.5	796	35.6
Hypertension with or without renal disease (401, 403)	248	11.0	258	11.5	257	11.5
Cerebrovascular disease (430-438)	2114	93.8	2204	98.2	2253	100.9
Arteriosclerosis (440)	260	11.5	315	14.0	350	15.7
Other diseases of arterioes, arterioles, and capillaries (441-448)	83	3.7	100	4.5	111	5.0
Pneumonia and influenza (480-487)	773	34.3	652	29.1	813	36.4
Chronic obstructive pulmonary disease and allied conditions (490-496)	36	3.8	83	3.7	104	4.7
Ulcer of stomach and duodenum (531-533)	71	3.1	89	4.0	111	5.0
Chronic liver disease and cirrhosis (571)	127	5.6	118	5.3	142	6.4
Nephritis, nephrotic syndrome and nephrosis (580-589)	374	16.6	386	17.2	348	15.6
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	235	10.4	244	10.9	245	11.0
Certain conditions originating in the perinatal period (760-779)	957	42.5	888	39.6	903	40.4
Symptoms, signs, and ill-defined conditions (780-799)	657	29.1	580	25.9	512	22.9
All other diseases (Residual)	2304	102.2	2351	104.8	2058	92.2
Motor vehicle accidents (E810-E825)	539	23.9	549	24.5	521	23.3
All other accidents and adverse effects (E800-E807, E826-E949)	802	35.6	859	38.3	777	34.8
Suicide (E950-E959)	169	7.5	172	7.7	185	8.3
Homicide and legal intervention (E960-E978)	126	5.6	129	5.7	114	5.1
All other external causes (E980-E999)	69	3.1	74	3.3	67	3.0

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** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table 1
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1951		1952		1953	
POPULATION	2,242,800		2,252,300		2,261,800	
	Number	Rate	Number	Rate	Number	Rate
Live births	50,597	2256.0	50,146	2226.4	51,275	2267.0
Physician in hospital	43,971	86.9	44,796	89.3	46,633	90.9
Physician not in hospital	5466	10.8	4300	8.6	3567	7.0
Midwife, other, unknown	1160	2.3	1050	2.1	1075	2.1
Stillbirths	764	14.9	767	15.1	817	15.7
Physician in hospital	662	86.6	650	84.7	685	83.8
Physician not in hospital	82	10.7	98	12.8	110	13.5
Midwife, other, or unknown	20	2.6	19	2.5	22	2.7
Total deaths, all causes	20,082	895.4	19,645	872.2	19,820	876.3
Deaths under 1 year	1560	30.8	1441	28.7	1466	28.6
Deaths under 1 month	1120	22.2	1033	20.6	1025	20.0
Tuberculosis (010-018)	411	18.3	310	13.8	241	10.7
Syphilis (090-097)	39	1.7	33	1.5	32	1.4
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	167	7.4	191	8.5	179	7.9
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	2843	126.8	3040	135.0	2939	129.9
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	319	14.2	307	13.6	348	15.4
Major cardiovascular diseases (390-448)	9340	416.4	9103	404.2	9267	1.3.
Diseases of the heart (390-398, 402, 404-429)	6077	271.0	6015	267.1	6080	268.8
Rheumatic fever and rheumatic heart disease (390-398)	254	11.3	230	10.2	175	7.7
Hypertensive heart disease with or without renal disease (402,404)	513	22.9	473	21.0	436	19.3
Ischemic heart disease (410-414)	4571	203.8	4679	207.7	4774	211.1
Other heart diseases (415-429)	739	33.0	633	28.1	695	30.8
Hypertension with or without renal disease (401, 403)	230	10.3	213	9.5	235	10.4
Cerebrovascular disease (430-438)	2544	113.4	2450	108.8	2473	109.3
Arteriosclerosis (440)	390	17.4	337	15.0	370	16.4
Other diseases of arterioes, arterioles, and capillaries (441-448)	99	4.4	88	3.9	109	4.8
Pneumonia and influenza (480-487)	635	28.3	703	31.2	863	38.2
Chronic obstructive pulmonary disease and allied conditions (490-496)	89	4.0	97	4.3	118	5.2
Ulcer of stomach and duodenum (531-533)	94	4.2	99	4.4	98	4.3
Chronic liver disease and cirrhosis (571)	152	6.8	128	5.7	133	5.9
Nephritis, nephrotic syndrome and nephrosis (580-589)	348	15.5	305	13.5	291	12.9
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	275	12.3	244	10.8	246	10.9
Certain conditions originating in the perinatal period (760-779)	891	39.7	832	36.9	860	38.0
Symptoms, signs, and ill-defined conditions (780-799)	537	23.9	499	22.2	609	26.9
All other diseases (Residual)	2144	95.7	1971	87.4	1838	81.3
Motor vehicle accidents (E810-E825)	576	25.7	615	27.3	606	26.8
All other accidents and adverse effects (E800-E807, E826-E949)	856	38.2	810	36.0	777	34.4
Suicide (E950-E959)	176	7.8	163	7.2	186	8.2
Homicide and legal intervention (E960-E978)	116	5.2	126	5.6	122	5.4
All other external causes (E980-E999)	74	3.3	69	3.1	67	3.0

* Rate for Attendant at Birth is Equal to the Percent of Total.
** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table I
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

POPULATION	1954 2,271,300		1955 2,280,000		1956 2,290,300	
	Number	Rate	Number	Rate	Number	Rate
Live births	51,457	2265.5	50,636	2220.1	51,894	2265.8
Physician in hospital	47,259	91.8	47,262	93.3	48,980	94.4
Physician not in hospital	3289	6.4	2594	5.1	2222	4.3
Midwife, other, unknown	909	1.8	780	1.5	692	1.3
Stillbirths	787	15.1	732	14.3	720	13.7
Physician in hospital	696	88.4	660	90.2	659	91.5
Physician not in hospital	71	9.0	55	7.5	48	6.7
Midwife, other, or unknown	20	2.5	17	2.3	13	1.8
Total deaths, all causes	20,121	885.9	19,705	864.0	20,954	914.9
Deaths under 1 year	1394	27.1	1338	26.4	1376	26.5
Deaths under 1 month	1011	19.6	1006	19.9	971	18.7
Tuberculosis (010-018)	228	10.0	181	7.9	189	8.3
Syphilis (090-097)	31	1.4	16	0.7	17	0.7
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	205	9.0	176	7.7	190	8.3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	3043	134.0	3122	136.9	3232	141.1
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	323	14.2	322	14.1	289	12.6
Major cardiovascular diseases (390-448)	9667	425.6	9636	422.5	10,524	459.5
Diseases of the heart (390-398, 402, 404-429)	6305	277.6	6521	285.9	6924	302.3
Rheumatic fever and rheumatic heart disease (390-398)	204	9.0	201	8.8	182	7.9
Hypertensive heart disease with or without renal disease (402,404)	476	21.0	417	18.3	429	18.7
Ischemic heart disease (410-414)	4953	218.1	5236	229.6	5649	246.6
Other heart diseases (415-429)	672	29.6	667	29.3	664	28.9
Hypertension with or without renal disease (401, 403)	212	9.3	183	8.0	216	9.4
Cerebrovascular disease (430-438)	2616	115.2	2404	105.4	2730	121.4
Arteriosclerosis (440)	420	18.5	433	19.0	436	19.0
Other diseases of arterioes, arterioles, and capillaries (441-448)	114	5.0	95	4.2	168	7.3
Pneumonia and influenza (480-487)	599	26.4	600	26.3	637	27.8
Chronic obstructive pulmonary disease and allied conditions (490-496)	96	4.2	105	4.6	155	6.8
Ulcer of stomach and duodenum (531-533)	90	4.0	128	5.6	120	5.2
Chronic liver disease and cirrhosis (571)	154	6.8	132	5.8	141	6.2
Nephritis, nephrotic syndrome and nephrosis (580-589)	288	12.7	209	9.2	244	10.7
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	240	10.6	251	11.0	273	11.9
Certain conditions originating in the perinatal period (760-779)	829	36.5	821	36.0	768	33.5
Symptoms, signs, and ill-defined conditions (780-799)	631	27.8	553	24.2	684	29.9
All other diseases (Residual)	1928	84.8	1722	75.5	1729	75.6
Motor vehicle accidents (E810-E825)	607	26.7	621	27.2	689	30.1
All other accidents and adverse effects (E800-E807, E826-E949)	827	36.4	738	32.4	741	32.4
Suicide (E950-E959)	159	7.0	205	9.0	163	7.1
Homicide and legal intervention (E960-E978)	104	4.6	103	4.5	105	4.6
All other external causes (E980-E999)	72	3.2	64	2.8	64	2.8

* Rate for Attendant at Birth is Equal to the Percent of Total.

** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table I
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1957		1958		1959	
POPULATION	2,299,800		2,309,300		2,318,800	
	Number	Rate	Number	Rate	Number	Rate
Live births	51,349	2232.8	50,552	2189.1	51,141	2205.5
Physician in hospital	48,929	95.3	48,472	95.9	49,311	96.4
Physician not in hospital	1765	3.4	1468	2.9	1262	2.5
Midwife, other, unknown	655	1.3	612	1.2	568	1.1
Stillbirths	665	12.8	671	13.1	684	13.2
Physician in hospital	614	92.3	627	93.4	628	91.8
Physician not in hospital	36	5.4	35	5.2	42	6.1
Midwife, other, or unknown	15	2.3	9	1.3	14	2.0
Total deaths, all causes	21,568	937.8	21,812	944.5	21,996	948.6
Deaths under 1 year	1307	25.5	1373	27.2	1235	24.1
Deaths under 1 month	934	18.2	1008	19.9	887	17.3
Tuberculosis (010-018)	155	6.7	160	6.9	133	5.7
Syphilis (090-097)	22	1.0	14	0.6	19	0.8
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	230	10.0	165	7.1	198	8.6
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	3307	143.8	3223	139.6	3418	147.4
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	323	14.0	278	12.0	345	14.9
Major cardiovascular diseases (390-448)	10,697	465.1	10,882	471.2	11,012	474.9
Diseases of the heart (390-398, 402, 404-429)	7101	308.8	7299	316.1	7318	315.6
Rheumatic fever and rheumatic heart disease (390-398)	183	8.0	188	8.1	179	7.7
Hypertensive heart disease with or without renal disease (402,404)	422	18.3	371	16.1	356	15.4
Ischemic heart disease (410-414)	5865	255.0	6086	263.5	6157	265.5
Other heart diseases (415-429)	631	27.5	654	28.3	626	27.0
Hypertension with or without renal disease (401, 403)	201	8.7	192	8.3	188	8.1
Cerebrovascular disease (430-438)	2804	121.9	2845	123.2	2928	126.3
Arteriosclerosis (440)	427	18.6	393	17.0	397	17.1
Other diseases of arterioes, arterioles, and capillaries (441-448)	164	7.1	153	6.6	181	7.8
Pneumonia and influenza (480-487)	821	35.7	748	32.4	628	27.1
Chronic obstructive pulmonary disease and allied conditions (490-496)	164	7.1	171	7.4	216	9.3
Ulcer of stomach and duodenum (531-533)	127	5.5	127	5.5	117	5.0
Chronic liver disease and cirrhosis (571)	167	7.3	177	7.7	146	6.3
Nephritis, nephrotic syndrome and nephrosis (580-589)	242	10.5	216	9.4	206	8.9
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	236	10.3	257	11.1	260	11.2
Certain conditions originating in the perinatal period (760-779)	746	32.4	793	34.3	708	30.5
Symptoms, signs, and ill-defined conditions (780-799)	787	34.2	836	36.2	890	38.4
All other diseases (Residual)	1720	74.9	1925	83.4	1856	80.0
Motor vehicle accidents (E810-E825)	722	31.4	695	30.1	647	27.9
All other accidents and adverse effects (E800-E807, E826-E949)	758	33.0	764	33.1	806	34.8
Suicide (E950-E959)	176	7.7	196	8.5	202	8.7
Homicide and legal intervention (E960-E978)	102	4.4	119	5.2	120	5.2
All other external causes (E980-E999)	65	2.8	66	2.9	69	3.0

* Rate for Attendant at Birth is Equal to the Percent of Total.
** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table I
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1960		1961		1962	
POPULATION	2,328,284		2,351,400		2,374,500	
	Number	Rate	Number	Rate	Number	Rate
Live births	50,900	2186.2	50,859	2162.9	51,351	2162.6
Physician in hospital	49,318	96.9	49,422	97.2	50,119	97.6
Physician not in hospital	1087	2.1	1007	2.0	824	1.6
Midwife, other, unknown	495	1.0	430	0.8	408	0.8
Stillbirths	684	13.3	643	12.5	629	12.1
Physician in hospital	655	95.8	603	93.8	606	96.3
Physician not in hospital	20	2.9	36	5.6	19	3.0
Midwife, other, or unknown	9	1.3	4	0.6	4	0.6
Total deaths, all causes	22,932	984.9	22,973	977.0	24,005	1010.9
Deaths under 1 year	1297	25.5	1226	24.1	1219	23.7
Deaths under 1 month	939	18.4	882	17.3	933	18.2
Tuberculosis (010-018)	157	6.7	130	5.5	147	6.2
Syphilis (090-097)	13	0.6	11	0.5	15	0.6
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	204	8.8	199	8.5	182	7.7
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	3463	148.7	3600	153.1	3692	155.5
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	399	17.1	380	16.2	409	17.2
Major cardiovascular diseases (390-448)	11,348	487.4	11.639	495.0	12,489	526.0
Diseases of the heart (390-398, 402, 404-429)	7522	323.1	7944	337.8	8520	358.8
Rheumatic fever and rheumatic heart disease (390-398)	152	6.5	134	5.7	148	6.2
Hypertensive heart disease with or without renal disease (402,404)	362	15.5	337	14.3	331	13.9
Ischemic heart disease (410-414)	6367	273.5	6821	290.1	7428	312.8
Other heart diseases (415-429)	641	27.6	652	27.7	613	25.8
Hypertension with or without renal disease (401, 403)	155	6.7	161	6.8	147	6.2
Cerebrovascular disease (430-438)	3040	130.6	2908	123.7	3171	133.5
Arteriosclerosis (440)	443	19.0	422	17.9	465	19.6
Other diseases of arterioes, arterioles, and capillaries (441-448)	188	8.1	204	8.7	186	7.8
Pneumonia and influenza (480-487)	817	35.1	601	25.6	767	32.3
Chronic obstructive pulmonary disease and allied conditions (490-496)	219	9.4	256	10.9	267	11.2
Ulcer of stomach and duodenum (531-533)	125	5.4	151	6.4	146	6.1
Chronic liver disease and cirrhosis (571)	182	7.8	186	7.9	203	8.5
Nephritis, nephrotic syndrome and nephrosis (580-589)	182	7.8	181	7.7	202	8.5
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	256	11.0	259	11.0	238	10.0
Certain conditions originating in the perinatal period (760-779)	740	31.8	688	29.3	740	31.2
Symptoms, signs, and ill-defined conditions (780-799)	973	41.8	990	42.1	571	24.0
All other diseases (Residual)	1890	81.2	1807	76.9	1989	83.8
Motor vehicle accidents (E810-E825)	686	29.5	742	31.6	708	29.8
All other accidents and adverse effects (E800-E807, E826-E949)	842	36.2	783	33.3	847	35.7
Suicide (E950-E959)	228	9.8	196	8.3	204	8.6
Homicide and legal intervention (E960-E978)	135	5.8	107	4.6	116	4.9
All other external causes (E980-E999)	73	3.1	67	2.8	73	3.1

* Rate For Attendant at Birth is Equal to the Percent of Total

** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table I
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1963		1964		1965	
POPULATION	2,397,000		2,420,800		2,443,900	
	Number	Rate	Number	Rate	Number	Rate
Live births	49,955	2083.5	47,563	1964.8	42,306	1751.5
Physician in hospital	48,787	97.7	46,681	98.1	42,080	98.3
Physician not in hospital	775	1.6	520	1.1	423	1.0
Midwife, other, unknown	393	0.8	362	0.8	303	0.7
Stillbirths	606	12.0	647	13.4	564	13.0
Physician in hospital	577	95.2	618	95.5	543	96.3
Physician not in hospital	26	4.3	25	3.9	18	3.2
Midwife, other, or unknown	3	0.5	4	0.6	3	0.5
Total deaths, all causes	24,458	1020.1	24,196	999.4	24,306	994.5
Deaths under 1 year	1218	24.4	1077	22.6	1028	24.0
Deaths under 1 month	900	18.0	794	16.7	716	16.7
Tuberculosis (010-018)	154	6.4	128	5.3	112	4.6
Syphilis (090-097)	16	0.7	15	0.6	13	0.5
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	168	7.0	171	7.1	135	5.5
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	3715	154.9	3850	159.0	3860	157.9
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-163)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	397	16.6	374	15.4	427	17.5
Major cardiovascular diseases (390-448)	12,303	534.0	12,659	522.9	12,878	526.9
Diseases of the heart (390-398, 402, 404-429)	8760	365.4	8684	358.7	8753	358.2
Rheumatic fever and rheumatic heart disease (390-398)	145	6.0	141	5.8	103	4.2
Hypertensive heart disease with or without renal disease (402, 404)	302	12.6	281	11.6	268	11.0
Ischemic heart disease (410-414)	7644	318.8	7621	314.8	7713	315.6
Other heart diseases (415-429)	669	27.9	641	26.4	669	27.3
Hypertension with or without renal disease (401, 403)	155	6.5	158	6.5	145	5.8
Cerebrovascular disease (430-438)	3180	132.6	3135	129.5	3237	132.5
Arteriosclerosis (440)	498	20.8	445	18.4	491	20.1
Other diseases of arterioes, arterioles, and capillaries (441-448)	210	8.8	237	9.8	252	10.3
Pneumonia and influenza (480-487)	841	35.1	709	29.3	760	31.1
Chronic obstructive pulmonary disease and allied conditions (490-496)	336	14.0	327	13.5	423	17.5
Ulcer of stomach and duodenum (531-533)	146	6.1	150	6.2	137	5.6
Chronic liver disease and cirrhosis (571)	253	10.6	242	10.0	240	9.4
Nephritis, nephrotic syndrome and nephrosis (580-589)	195	8.1	181	7.5	201	8.2
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	253	10.6	250	10.3	223	9.1
Certain conditions originating in the perinatal period (760-779)	709	29.6	628	25.9	568	23.2
Symptoms, signs, and ill-defined conditions (780-799)	550	22.9	598	24.7	582	23.8
All other diseases (Residual)	1972	82.3	1896	78.4	1789	73.1
Motor vehicle accidents (E810-E825)	711	29.7	798	33.0	777	31.8
All other accidents and adverse effects (E800-E807, E826-E949)	848	35.4	813	33.6	756	30.9
Suicide (E950-E959)	197	8.2	202	8.2	233	9.5
Homicide and legal intervention (E960-E978)	121	5.0	132	5.5	124	5.1
All other external causes (E980-E999)	73	3.0	71	2.9	66	2.7

* Rate for Attendant at Birth is Equal to the Percent of Total.
** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table I
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1966		1967		1968	
POPULATION	2,467,000		2,490,100		2,513,200	
	Number	Rate	Number	Rate	Number	Rate
Live births	39,993	1621.1	40,102	1610.5	40,973	1630.3
Physician in hospital	39,477	98.7	39,721	99.0	40,641	99.2
Physician not in hospital	303	0.8	225	0.6	195	0.5
Midwife, other, unknown	213	0.5	156	0.4	137	0.3
Stillbirths	488	12.1	470	11.6	504	12.2
Physician in hospital	470	96.3	454	96.6	494	98.0
Physician not in hospital	17	3.5	13	2.8	9	1.8
Midwife, other, or unknown	1	0.2	3	0.6	1	0.2
Total deaths, all causes	24,806	1005.5	24,859	998.3	25,708	1022.9
Deaths under 1 year	934	23.4	834	20.8	821	20.0
Deaths under 1 month	664	16.6	615	15.3	608	14.8
Tuberculosis (010-018)	87	3.5	98	3.9	76	3.0
Syphilis (090-097)	12	0.5	11	0.4	9	0.4
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	137	5.5	138	5.5	142	5.6
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	3938	159.6	3966	159.3	4155	165.3
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	468	19.0	440	17.7	469	18.7
Major cardiovascular diseases (390-448)	13,199	535.0	13,165	528.7	13,742	546.8
Diseases of the heart (390-398, 402, 404-429)	9180	372.1	9163	368.0	9547	379.9
Rheumatic fever and rheumatic heart disease (390-398)	116	4.7	94	3.8	113	4.5
Hypertensive heart disease with or without renal disease (402,404)	267	10.8	261	10.5	220	8.8
Ischemic heart disease (410-414)	8139	329.9	8119	326.1	8528	339.3
Other heart diseases (415-429)	658	26.3	689	27.7	686	27.3
Hypertension with or without renal disease (401, 403)	143	5.8	126	5.1	157	6.2
Cerebrovascular disease (430-438)	3181	128.9	3159	126.9	3285	130.7
Arteriosclerosis (440)	486	19.7	489	19.6	492	19.6
Other diseases of arterioes, arterioles, and capillaries (441-448)	209	8.5	228	9.2	261	10.4
Pneumonia and influenza (480-487)	695	28.2	707	28.4	910	36.2
Chronic obstructive pulmonary disease and allied conditions (490-496)	395	16.0	442	17.8	502	20.0
Ulcer of stomach and duodenum (531-533)	118	4.8	122	4.9	148	5.9
Chronic liver disease and cirrhosis (571)	229	9.3	282	11.3	323	12.9
Nephritis, nephrotic syndrome and nephrosis (580-589)	204	8.3	155	6.2	184	7.3
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	205	8.3	223	9.0	177	7.0
Certain conditions originating in the perinatal period (760-779)	528	21.4	465	18.7	469	18.7
Symptoms, signs, and ill-defined conditions (780-799)	623	25.3	568	22.8	470	18.7
All other diseases (Residual)	1899	77.1	1934	77.5	1841	73.2
Motor vehicle accidents (E810-E825)	807	32.7	893	35.9	820	32.6
All other accidents and adverse effects (E800-E807, E826-E949)	840	34.0	751	30.2	777	30.9
Suicide (E950-E959)	215	8.7	256	10.3	261	10.4
Homicide and legal intervention (E960-E978)	134	5.4	185	7.4	166	6.6
All other external causes (E980-E999)	73	3.0	65	2.6	67	2.7

* Rate for the Attendant at Birth is Equal to the Percent of Total.
** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table I
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1969		1970		1971	
POPULATION	2,536,300		2,559,463		2,609,800	
	Number	Rate	Number	Rate	Number	Rate
Live births	42,737	1635.0	44,991	1757.8	45,353	1744.3
Physician in hospital	42,450	99.3	44,798	99.6	45,091	99.4
Physician not in hospital	167	0.4	82	0.2	136	0.3
Midwife, other, unknown	120	0.3	111	0.2	126	0.3
Stillbirths	520	12.0	516	11.3	509	11.1
Physician in hospital	513	98.7	515	99.8	498	97.8
Physician not in hospital	6	1.2	-	-	10	2.0
Midwife, other, or unknown	1	0.2	1	0.2	1	0.2
Total deaths, all causes	25,972	1024.0	26,750	1045.1	25,682	987.8
Deaths under 1 year	874	20.5	953	21.2	832	18.3
Deaths under 1 month	675	15.8	727	16.2	613	13.5
Tuberculosis (010-018)	75	3.0	70	2.7	70	2.7
Syphilis (090-097)	14	0.6	12	0.5	8	0.3
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	111	4.3	148	5.8	151	5.8
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	4298	169.5	4608	180.0	4371	168.1
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-163)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	466	18.4	513	20.0	459	17.7
Major cardiovascular diseases (390-448)	13,864	546.6	14,183	554.1	13,821	531.6
Diseases of the heart (390-398, 402, 404-429)	9801	336.4	9923	387.7	9790	376.5
Rheumatic fever and rheumatic heart disease (390-398)	117	4.6	97	3.8	110	4.2
Hypertensive heart disease with or without renal disease (402,404)	289	11.4	243	9.5	210	8.1
Ischemic heart disease (410-414)	8807	347.2	8971	350.5	8785	337.9
Other heart diseases (415-429)	588	23.2	612	23.9	685	26.4
Hypertension with or without renal disease (401, 403)	108	4.3	139	5.4	125	4.8
Cerebrovascular disease (430-438)	3140	123.8	3292	128.6	3150	121.2
Arteriosclerosis (440)	472	18.6	491	19.2	463	17.8
Other diseases of arteries, arterioles, and capillaries (441-448)	343	13.5	338	13.2	293	11.3
Pneumonia and influenza (480-487)	794	31.3	743	29.0	694	26.7
Chronic obstructive pulmonary disease and allied conditions (490-496)	502	19.8	466	18.2	408	15.7
Ulcer of stomach and duodenum (531-533)	138	5.4	129	5.0	113	4.3
Chronic liver disease and cirrhosis (571)	315	12.4	348	13.6	343	13.2
Nephritis, nephrotic syndrome and nephrosis (580-589)	164	6.5	158	6.2	117	4.5
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	185	7.3	198	7.7	228	8.8
Certain conditions originating in the perinatal period (760-779)	534	21.1	586	22.9	464	17.8
Symptoms, signs, and ill-defined conditions (780-799)	400	15.8	397	15.5	362	13.9
All other diseases (Residual)	1931	76.2	1993	77.9	1946	74.8
Motor vehicle accidents (E810-E825)	890	35.1	852	33.3	831	32.0
All other accidents and adverse effects (E800-E807, E826-E949)	766	30.2	826	32.3	750	28.8
Suicide (E950-E959)	256	10.1	273	10.7	283	10.9
Homicide and legal intervention (E960-E978)	180	7.1	181	7.1	189	7.3
All other external causes (E980-E999)	89	3.5	66	2.6	74	2.8

* Rate for Attendant at Birth is Equal to the Percent of Total.

** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table 1
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1972		1973		1974	
POPULATION	2,633,000		2,669,000		2,681,000	
	Number	Rate	Number	Rate	Number	Rate
Live births	42,303	1606.6	40,765	1527.4	42,363	1580.1
Physician in hospital	42,075	99.5	40,537	99.4	42,110	99.4
Physician not in hospital	96	0.2	92	0.2	107	0.3
Midwife, other, unknown	132	0.3	136	0.3	146	0.3
Stillbirths	505	11.8	524	12.7	465	10.9
Physician in hospital	497	98.4	514	98.1	453	97.4
Physician not in hospital	8	1.6	8	1.5	8	1.7
Midwife, other, or unknown	-	-	2	0.4	4	0.9
Total deaths, all causes	26,935	1023.0	27,357	1025.0	27,228	1015.6
Deaths under 1 year	802	19.0	666	16.3	738	17.4
Deaths under 1 month	551	13.0	477	11.7	526	12.4
Tuberculosis (010-018)	77	2.9	54	2.0	54	2.0
Syphilis (090-097)	6	0.2	5	0.2	5	0.2
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	136	5.2	169	6.4	189	7.0
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	4579	173.9	4779	179.1	4789	178.6
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	473	18.0	474	17.8	413	15.4
Major cardiovascular diseases (390-448)	14,377	546.0	14,694	550.5	14,345	542.5
Diseases of the heart (390-398, 402, 404-429)	10,173	386.4	10,420	390.4	10,182	379.8
Rheumatic fever and rheumatic heart disease (390-398)	127	4.8	135	5.1	115	4.3
Hypertensive heart disease with or without renal disease (402,404)	215	8.2	188	7.0	205	7.6
Ischemic heart disease (410-414)	9133	346.9	9339	349.9	9113	339.9
Other heart diseases (415-429)	690	26.5	758	28.4	749	27.9
Hypertension with or without renal disease (401, 403)	121	4.6	125	4.7	98	3.7
Cerebrovascular disease (430-438)	3269	124.2	3298	123.6	3371	125.7
Arteriosclerosis (440)	483	18.3	470	17.6	528	19.7
Other diseases of arteries, arterioles, and capillaries (441-448)	331	12.6	381	14.3	366	13.7
Pneumonia and influenza (480-487)	842	32.0	786	29.4	851	31.7
Chronic obstructive pulmonary disease and allied conditions (490-496)	387	14.7	400	15.0	320	11.9
Ulcer of stomach and duodenum (531-533)	105	4.0	119	4.5	122	4.6
Chronic liver disease and cirrhosis (571)	322	12.2	326	12.2	352	13.1
Nephritis, nephrotic syndrome and nephrosis (580-589)	163	6.2	127	4.8	148	5.5
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	195	7.4	187	7.0	178	6.6
Certain conditions originating in the perinatal period (760-779)	416	15.8	367	13.8	410	15.3
Symptoms, signs, and ill-defined conditions (780-799)	387	14.7	350	13.1	324	12.1
All other diseases (Residual)	2188	83.1	2213	82.9	2181	81.3
Motor vehicle accidents (E810-E825)	863	32.8	804	30.1	764	28.5
All other accidents and adverse effects (E800-E807, E826-E949)	794	30.2	843	31.6	849	31.7
Suicide (E950-E959)	341	13.0	373	14.0	388	14.5
Homicide and legal intervention (E960-E978)	226	8.6	222	8.3	282	10.5
All other external causes (E980-E999)	58	2.2	65	2.4	64	2.4

* Rate for Attendant at Birth is Equal to the Percent of Total.

** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table I
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1975		1976		1977	
POPULATION	2,715,000		2,766,000		2,811,000	
	Number	Rate	Number	Rate	Number	Rate
Live births	42,704	1572.9	43,655	1578.3	45,449	1616.8
Physician in hospital	42,421	99.3	43,412	99.4	45,138	99.3
Physician not in hospital	111	0.3	69	0.2	60	0.1
Midwife, other, unknown	172	0.4	174	0.4	251	0.6
Stillbirths	419	9.7	451	10.2	448	9.8
Physician in hospital	409	97.6	432	95.8	434	96.9
Physician not in hospital	7	1.7	11	2.4	10	2.2
Midwife, other, or unknown	3	0.7	8	1.8	4	0.9
Total deaths, all causes	27,165	1000.6	27,103	979.9	26,766	952.2
Deaths under 1 year	688	16.1	731	16.7	623	13.7
Deaths under 1 month	486	11.4	493	11.3	408	9.0
Tuberculosis (010-018)	50	1.8	52	1.9	43	1.5
Syphilis (090-097)	5	0.2	3	0.1	8	0.3
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	180	6.7	228	8.2	200	7.1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	4927	181.5	5166	186.8	5180	184.3
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	-	-	-	-
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	-	-	-	-
Malignant neoplasm of breast (174-175)	-	-	-	-	-	-
Malignant neoplasm of genital organs (179-187)	-	-	-	-	-	-
Malignant neoplasm of urinary organs (188-189)	-	-	-	-	-	-
Leukemia (204-208)	-	-	-	-	-	-
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	-	-	-	-
Diabetes mellitus (250)	413	15.2	417	15.1	420	14.9
Major cardiovascular diseases (390-448)	14,192	522.7	13,903	502.6	13,672	486.4
Diseases of the heart (390-398, 402, 404-429)	10,284	378.8	9997	361.4	9966	354.5
Rheumatic fever and rheumatic heart disease (390-398)	144	5.3	129	4.7	109	3.9
Hypertensive heart disease with or without renal disease (402,404)	191	7.0	169	6.1	139	4.9
Ischemic heart disease (410-414)	9090	334.8	8775	317.2	8751	311.3
Other heart diseases (415-429)	859	31.6	924	33.4	967	34.4
Hypertension with or without renal disease (401, 403)	72	2.7	85	3.1	77	2.7
Cerebrovascular disease (430-438)	3051	112.4	3017	109.1	2849	101.4
Arteriosclerosis (440)	450	16.6	426	15.4	430	15.3
Other diseases of arteries, arterioles, and capillaries (441-448)	335	12.3	378	13.7	350	12.5
Pneumonia and influenza (480-487)	953	35.1	966	34.9	799	28.4
Chronic obstructive pulmonary disease and allied conditions (490-496)	344	12.7	310	11.2	300	10.7
Ulcer of stomach and duodenum (531-533)	104	3.8	82	3.0	70	2.5
Chronic liver disease and cirrhosis (571)	318	11.7	389	14.1	356	12.7
Nephritis, nephrotic syndrome and nephrosis (580-589)	126	4.6	134	4.8	146	5.2
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	-	-	-	-
Congenital anomalies (740-759)	179	6.6	169	6.1	172	6.1
Certain conditions originating in the perinatal period (760-779)	382	14.1	365	13.2	287	10.2
Symptoms, signs, and ill-defined conditions (780-799)	350	12.9	353	12.8	376	13.4
All other diseases (Residual)	2334	86.1	2272	82.2	2387	85.5
Motor vehicle accidents (E810-E825)	798	29.4	877	31.7	893	31.8
All other accidents and adverse effects (E800-E807, E826-E949)	745	27.4	769	27.8	704	25.0
Suicide (E950-E959)	412	15.2	365	13.2	442	15.7
Homicide and legal intervention (E960-E978)	297	10.9	229	8.3	261	9.3
All other external causes (E980-E999)	56	2.1	54	2.0	50	1.8

* Rate for Attendant at Birth is Equal to the Percent of Total.
** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table I
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1978		1979		1980	
POPULATION	2,880,000		2,892,000		3,025,266	
	Number	Rate	Number	Rate	Number	Rate
Live births	45,883	1593.2	49,007	1694.6	52,065	1721.0
Physician in hospital	45,574	99.3	48,675	99.3	51,594	99.1
Physician not in hospital	57	0.1	17	0.1	80	0.2
Midwife, other, unknown	252	0.6	315	0.6	391	0.7
Stillbirths	438	9.5	439	9.3	475	9.0
Physician in hospital	423	96.6	457	99.6	467	98.3
Physician not in hospital	8	1.8	1	0.2	5	1.1
Midwife, other, or unknown	7	1.6	1	0.2	3	0.6
Total deaths, all causes	27,892	968.5	27,802	961.3	28,227	933.0
Deaths under 1 year	646	14.1	611	12.5	660	12.7
Deaths under 1 month	405	8.8	386	7.9	421	8.1
Tuberculosis (010-018)	46	1.6	31	1.1	37	1.2
Syphilis (090-097)	6	0.2	4	0.1	7	0.2
Residual of infectious and parasitic diseases (001-009, 019-089, 098-139)	225	7.8	167	6.0	192	6.3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	5366	136.3	5407	194.5	5505	182.0
Malignant neoplasm of digestive organs and peritoneum (150-159)	-	-	1404	50.5	1332	44.0
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	-	-	1558	56.0	1615	53.4
Malignant neoplasm of breast (174-175)	-	-	368	13.2	429	14.2
Malignant neoplasm of genital organs (179-187)	-	-	620	22.3	605	20.0
Malignant neoplasm of urinary organs (188-189)	-	-	222	8.0	206	6.8
Leukemia (204-208)	-	-	229	8.2	236	7.8
Other malignant neoplasms (140-149, 170-173, 190-203)	-	-	1006	36.2	1082	35.8
Diabetes mellitus (250)	428	14.9	411	14.8	421	13.9
Major cardiovascular diseases (390-448)	14,073	488.6	14,332	515.5	14,183	468.8
Diseases of the heart (390-398, 402, 404-429)	10,330	358.7	10,727	385.8	10.703	353.8
Rheumatic fever and rheumatic heart disease (390-398)	130	4.5	71	2.6	53	1.8
Hypertensive heart disease with or without renal disease (402,404)	168	5.8	279	10.0	316	10.4
Ischemic heart disease (410-414)	3972	311.5	8240	296.4	8145	269.2
Other heart diseases (415-429)	1060	36.8	2137	76.9	2109	72.4
Hypertension with or without renal disease (401, 403)	94	3.3	94	3.4	96	3.2
Cerebrovascular disease (430-438)	2857	99.2	2844	102.3	2745	90.7
Arteriosclerosis (440)	394	13.7	402	14.5	397	13.1
Other diseases of arteries, arterioles, and capillaries (441-448)	398	13.8	265	9.5	242	8.0
Pneumonia and influenza (480-487)	1004	34.9	712	25.6	768	25.4
Chronic obstructive pulmonary disease and allied conditions (490-496)	279	9.7	747	26.9	824	27.2
Ulcer of stomach and duodenum (531-533)	74	2.6	85	3.1	76	2.5
Chronic liver disease and cirrhosis (571)	348	12.1	364	13.1	317	10.5
Nephritis, nephrotic syndrome and nephrosis (580-589)	173	6.0	332	11.9	352	11.6
Complications of pregnancy, childbirth, and the puerperium (630-676)	-	-	5	0.2	11	0.4
Congenital anomalies (740-759)	160	5.6	200	7.2	202	6.7
Certain conditions originating in the perinatal period (760-779)	285	9.9	284	10.2	312	10.3
Symptoms, signs, and ill-defined conditions (780-799)	453	15.7	307	11.0	296	9.8
All other diseases (Residual)	2487	86.9	1950	70.1	2087	69.0
Motor vehicle accidents (E810-E825)	968	33.6	909	32.7	1008	33.3
All other accidents and adverse effects (E800-E807, E826-E949)	788	27.4	769	27.7	836	27.6
Suicide (E950-E959)	397	13.8	412	14.8	411	13.6
Homicide and legal intervention (E960-E978)	283	9.8	325	11.7	339	11.2
All other external causes (E980-E999)	49	1.7	49	1.8	43	1.4

* Rate for Attendant at Birth is Equal to the Percent of Total.

** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table I
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1981		1982		1983	
POPULATION	3,100,000		3,177,000		3,298,000	
	Number	Rate	Number	Rate	Number	Rate
Live births	53620	1729.7	58748	1849.2	56859	1724.0
Physician in hospital	52997	98.8	57852	98.5	56121	98.7
Physician not in hospital	85	0.2	85	0.1	90	0.2
Midwife, other, unknown	538	1.0	811	1.4	648	1.1
Stillbirths	436	8.4	495	8.4	434	7.9
Physician in hospital	448	98.2	483	97.6	445	98.0
Physician not in hospital	6	1.3	10	2.0	9	2.0
Midwife, other, or unknown	2	0.5	2	0.4	-	-
Total deaths, all causes	28568	921.5	29305	922.4	29426	892.3
Deaths under 1 year	632	11.8	721	12.3	615	10.8
Deaths under 1 month	383	7.1	433	7.4	386	6.8
Tuberculosis (010-018)	32	1.0	39	1.4	23	0.7
Syphilis (090-097)	2	0.1	2	0.1	3	0.1
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	235	7.6	249	7.8	247	7.5
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	5702	183.9	5873	184.9	6065	183.9
Malignant neoplasm of digestive organs and peritoneum (150-159)	1421	45.8	1402	44.1	1376	41.7
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	1668	53.8	1774	55.8	1887	57.2
Malignant neoplasm of breast (174-175)	461	14.9	454	14.3	473	14.3
Malignant neoplasm of genital organs (179-187)	605	19.5	630	19.8	665	20.2
Malignant neoplasm of urinary organs (188-189)	246	7.9	270	8.5	228	6.9
Leukemia (204-208)	252	8.1	248	7.8	251	7.6
Other malignant neoplasms (140-149, 170-173, 190-203)	1049	33.8	1095	34.5	1185	35.9
Diabetes mellitus (250)	492	15.9	493	15.5	476	14.4
Major cardiovascular diseases (390-448)	13977	450.9	14255	448.7	14229	431.4
Diseases of the heart (390-398, 402, 404-429)	10624	342.7	10973	345.4	10934	331.5
Rheumatic fever and rheumatic heart disease (390-398)	66	2.1	73	2.3	64	1.9
Hypertensive heart disease with or without renal disease (402,404)	296	9.5	250	7.9	237	7.2
Ischemic heart disease (410-414)	8037	259.3	8094	254.8	8005	242.7
Other heart diseases (415-429)	2225	71.8	2556	80.5	2844	86.2
Hypertension with or without renal disease (401, 403)	92	3.0	91	2.9	85	2.6
Cerebrovascular disease (430-438)	2593	83.6	2544	80.1	2514	76.2
Arteriosclerosis (440)	417	13.6	383	12.1	407	12.3
Other diseases of arterioes, arterioles, and capillaries (441-448)	251	8.1	264	8.3	289	8.8
Pneumonia and influenza (480-487)	859	27.7	787	24.8	876	26.6
Chronic obstructive pulmonary disease and allied conditions (490-496)	804	25.9	884	27.8	1034	31.4
Ulcer of stomach and duodenum (531-533)	85	2.7	88	2.8	70	2.1
Chronic liver disease and cirrhosis (571)	378	12.2	312	9.8	271	8.2
Nephritis, nephrotic syndrome and nephrosis (580-589)	315	10.2	352	11.1	369	11.2
Complications of pregnancy, childbirth, and the puerperium (630-676)	7	0.2	3	0.1	4	0.1
Congenital anomalies (740-759)	191	6.2	245	7.7	206	6.2
Certain conditions originating in the perinatal period (760-779)	292	9.4	304	9.6	274	8.3
Symptoms, signs, and ill-defined conditions (780-799)	346	11.2	388	12.2	315	9.6
All other diseases (Residual)	2149	69.3	2197	69.2	2289	69.4
Motor vehicle accidents (E810-E825)	1037	33.5	1086	34.2	872	26.4
All other accidents and adverse effects (E800-E807, E826-E949)	823	26.5	881	27.7	796	24.1
Suicide (E950-E959)	474	15.3	466	14.7	449	13.6
Homicide and legal intervention (E960-E978)	324	10.5	356	11.2	294	8.9
All other external causes (E980-E999)	44	1.4	45	1.4	48	1.5

* Rate for Attendant at Birth is Equal to the Percent of Total.

** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table 1

Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes
Number and Rate*, Oklahoma, 1930 - 1987

	1984		1985		1986	
POPULATION	3,298,000		3,301,000		3,305,000	
	Number	Rate	Number	Rate	Number	Rate
Live births	54323	1647.1	53100	1610.0	50536	1529.1
Physician in hospital	53470	98.4	52318	98.6	49478	97.9
Physician not in hospital	74	0.1	49	0.1	41	0.1
Midwife, other, unknown	779	1.4	673	1.3	1017	2.0
Stillbirths	392	7.2	399	7.5	403	7.9
Physician in hospital	385	98.2	374	93.7	382	94.8
Physician not in hospital	6	1.5	21	5.3	18	4.5
Midwife, other, or unknown	1	0.3	4	1.0	3	0.7
Total deaths, all causes	28635	868.3	29735	900.8	29708	899.5
Deaths under 1 year	568	10.5	574	10.8	517	10.2
Deaths under 1 month	358	6.6	359	6.8	306	6.1
Tuberculosis (010-018)	23	0.7	19	0.6	18	0.5
Syphilis (090-097)	3	0.1	-	-	-	-
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	270	8.2	360	10.9	367	11.1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	6085	184.5	6117	185.3	6314	191.1
Malignant neoplasm of digestive organs and peritoneum (150-159)	1447	43.9	1376	41.7	1489	45.1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	1910	57.9	1876	56.8	1948	58.9
Malignant neoplasm of breast (174-175)	467	14.2	463	14.0	491	14.9
Malignant neoplasm of genital organs (179-187)	646	19.6	727	22.0	665	20.1
Malignant neoplasm of urinary organs (188-189)	257	7.8	238	7.2	236	7.1
Leukemia (204-208)	225	6.8	240	7.3	268	8.1
Other malignant neoplasms (140-149, 170-173, 190-203)	1133	34.4	1197	36.3	1217	36.8
Diabetes mellitus (250)	424	12.9	439	13.3	498	15.1
Major cardiovascular diseases (390-448)	13769	417.5	14458	438.0	14106	426.8
Diseases of the heart (390-398, 402, 404-429)	10648	322.9	11223	340.0	10875	329.1
Rheumatic fever and rheumatic heart disease (390-398)	60	1.8	53	1.6	55	1.7
Hypertensive heart disease with or without renal disease (402,404)	208	6.3	199	6.0	164	5.0
Ischemic heart disease (410-414)	7462	226.3	7896	239.2	7609	230.2
Other heart diseases (415-429)	2918	88.5	3075	93.2	3047	92.2
Hypertension with or without renal disease (401, 403)	70	2.1	87	2.6	96	2.9
Cerebrovascular disease (430-438)	2387	72.4	2469	74.8	2433	73.6
Arteriosclerosis (440)	386	11.7	406	12.3	396	12.0
Other diseases of arterioes, arterioles, and capillaries (441-448)	278	8.4	273	8.3	306	9.3
Pneumonia and influenza (480-487)	925	28.0	1038	31.4	1073	32.5
Chronic obstructive pulmonary disease and allied conditions (490-496)	1045	31.7	1082	32.8	1040	31.5
Ulcer of stomach and duodenum (531-533)	86	2.6	91	2.8	78	2.4
Chronic liver disease and cirrhosis (571)	247	7.5	253	7.7	283	8.6
Nephritis, nephrotic syndrome and nephrosis (580-589)	401	12.2	373	11.3	396	12.0
Complications of pregnancy, childbirth, and the puerperium (630-676)	3	0.1	4	0.1	2	0.1
Congenital anomalies (740-759)	201	6.1	187	5.7	163	4.9
Certain conditions originating in the perinatal period (760-779)	257	7.8	266	8.1	231	7.0
Symptoms, signs, and ill-defined conditions (780-799)	286	8.7	331	10.0	348	10.5
All other diseases (Residual)	2290	69.4	2341	70.9	2491	75.4
Motor vehicle accidents (E810-E825)	857	26.0	763	23.1	717	21.9
All other accidents and adverse effects (E800-E807, E826-E949)	703	21.3	760	23.0	740	22.3
Suicide (E950-E959)	444	13.5	488	14.8	494	15.0
Homicide and legal intervention (E960-E978)	282	8.6	279	8.5	301	9.1
All other external causes (E980-E999)	34	1.0	71	2.2	45	1.4

* Rate for Attendant at Birth is Equal to the Percent of Total.
** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

Table 1
Resident Births, Fetal Deaths (Stillbirths), Deaths and Deaths By 34 Selected Causes Number and Rate*, Oklahoma, 1930-1987

POPULATION	1987					
	3,272,000					
	NUMBER	RATE				
Live births	47,697	1457.7				
Physician in hospital	46,566	97.6				
Physician not in hospital	65	0.1				
Midwife, other, unknown	1,066	2.2				
Stillbirths	383	8.0				
Physician in hospital	370	96.6				
Physician not in hospital	12	3.1				
Midwife, other, or unknown	1	0.3				
Total deaths, all causes	29,191	892.1				
Deaths under 1 year	458	9.6				
Deaths under 1 month	268	5.6				
Tuberculosis (010-018)	16	0.5				
Syphilis (090-097)	-	-				
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	405	12.4				
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	6,399	195.6				
Malignant neoplasm of digestive organs and peritoneum (150-159)	1.420	43.4				
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2,005	61.3				
Malignant neoplasm of breast (174-175)	508	15.5				
Malignant neoplasm of genital organs (179-187)	661	20.2				
Malignant neoplasm of urinary organs (188-189)	257	7.9				
Leukemia (204-208)	259	7.9				
Other malignant neoplasms (140-149, 170-173, 190-203)	1,289	39.4				
Diabetes mellitus (250)	463	14.2				
Major cardiovascular diseases (390-448)	13,813	422.2				
Diseases of the heart (390-398, 402, 404-429)	10,620	324.6				
Rheumatic fever and rheumatic heart disease (390-398)	66	2.0				
Hypertensive heart disease with or without renal disease (402,404)	189	5.8				
Ischemic heart disease (410-414)	7,422	226.8				
Other heart diseases (415-429)	2,943	39.9				
Hypertension with or without renal disease (401, 403)	87	2.7				
Cerebrovascular disease (430-438)	2,398	73.3				
Arteriosclerosis (440)	385	11.8				
Other diseases of arterioes, arterioles, and capillaries (441-448)	323	9.9				
Pneumonia and influenza (480-487)	1,102	33.7				
Chronic obstructive pulmonary disease and allied conditions (490-496)	1,087	33.2				
Ulcer of stomach and duodenum (531-533)	92	2.8				
Chronic liver disease and cirrhosis (571)	241	7.4				
Nephritis, nephrotic syndrome and nephrosis (580-589)	366	11.2				
Complications of pregnancy, childbirth, and the puerperium (630-676)	3	0.1				
Congenital anomalies (740-759)	155	4.7				
Certain conditions originating in the perinatal period (760-779)	187	5.7				
Symptoms, signs, and ill-defined conditions (780-799)	281	8.6				
All other diseases (Residual)	2,435	74.4				
Motor vehicle accidents (E810-E825)	676	20.7				
All other accidents and adverse effects (E800-E807, E825-E949)	661	20.2				
Suicide (E950-E959)	484	14.8				
Homicide and legal intervention (E960-E978)	281	8.6				
All other external causes (E980-E999)	44	1.3				

* Rate for Attendant at Birth is Equal to the Percent of Total.
** Deaths Coded Prior to 1979 are adjusted to the Ninth Revision ICDA Codes.

TABLE II
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE, OKLAHOMA, 1987

RACE	TOTAL		WHITE	
ESTIMATED POPULATION JULY 1	3,272,000		2,866,272	
	NUMBER	RATE	NUMBER	RATE
Live Births	47,697	1,457.7	37,507	1,308.6
Physician in hospital	46,566	97.6	36,821	98.2
Physician not in hospital	65	.1	53	.1
Midwife, other, or unknown	1,066	2.2	633	1.7
Stillbirths	383	8.0	284	7.5
Physician in hospital	370	96.6	273	96.1
Physician not in hospital	12	3.1	10	3.5
Midwife, other, or unknown	1	.3	1	.4
Total deaths, all causes	29,191	892.1	26,187	913.6
Deaths under 1 year	458	9.6	351	9.4
Deaths under 1 month	268	5.6	203	5.4
Tuberculosis (010-018)	16	.5	11	.4
Syphilis (090-097)				
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	405	12.4	328	11.4
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	6,399	195.6	5,806	202.6
Malignant neoplasm of digestive organs and peritoneum (150-159)	1,420	43.4	1,266	44.2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2,005	61.3	1,857	64.8
Malignant neoplasm of breast (174-175)	508	15.5	461	16.1
Malignant neoplasm of genital organs (179-187)	661	20.2	573	20.0
Malignant neoplasm of urinary organs (188-189)	257	7.9	237	8.3
Leukemia (204-208)	259	7.9	238	8.3
Other malignant neoplasms (140-149, 170-173, 190-203)	1,289	39.4	1,174	41.0
Diabetes mellitus (250)	463	14.2	371	12.9
Major cardiovascular diseases (390-448)	13,813	422.2	12,548	437.8
Diseases of the heart (390-398, 402, 404-429)	10,620	324.6	9,658	337.0
Rheumatic fever and rheumatic heart disease (390-398)	66	2.0	63	2.2
Hypertensive heart disease with or without renal disease (402,404)	189	5.8	157	5.5
Ischemic heart disease (410-414)	7,422	226.8	6,817	237.8
Other heart diseases (415-429)	2,943	89.9	2,621	91.4
Hypertension with or without renal disease (401,403)	87	2.7	70	2.4
Cerebrovascular disease (430-438)	2,398	73.3	2,172	75.8
Arteriosclerosis (440)	385	11.8	350	12.2
Other diseases of arteries, arterioles, and capillaries (441-448)	323	9.9	298	10.4
Pneumonia and influenza (480-487)	1,102	33.7	1,001	34.9
Chronic obstructive pulmonary disease and allied conditions (490-496)	1,087	33.2	1,024	35.7
Ulcer of stomach and duodenum (531-533)	92	2.8	85	3.0
Chronic liver disease and cirrhosis (571)	241	7.4	198	6.9
Nephritis, nephrotic syndrome and nephrosis (580-589)	366	11.2	309	10.8
Complications of pregnancy, childbirth, and the puerperium (630-676)	3	.1	1	
Congenital anomalies (740-759)	155	4.7	132	4.6
Certain conditions originating in the perinatal period (760-779)	187	5.7	138	4.8
Symptoms, signs, and ill-defined conditions (780-799)	281	8.6	245	8.5
All other diseases (Residual)	2,435	74.4	2,171	75.7
Motor vehicle accidents (E810-E825)	676	20.7	573	20.0
All other accidents and adverse effects (E800-E807, E826-E949)	661	20.2	568	19.8
Suicide (E950-E959)	484	14.8	452	15.8
Homicide and legal intervention (E960-E978)	281	8.6	195	6.8
All other external causes (E980-E999)	44	1.3	31	1.1

TABLE II
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE, OKLAHOMA, 1987

RACE	BLACK		INDIAN	
ESTIMATED POPULATION JULY 1	225,768		179,960	
	NUMBER	RATE	NUMBER	RATE
Live Births	5,047	2,235.5	5,143	2,857.9
Physician in hospital	4,959	98.3	4,786	93.1
Physician not in hospital	8	.2	4	.1
Midwife, other, or unknown	80	1.6	353	6.9
Stillbirths	64	12.5	35	6.8
Physician in hospital	62	96.9	35	100.0
Physician not in hospital	2	3.1		
Midwife, other, or unknown				
Total deaths, all causes	1,966	870.8	1,038	576.8
Deaths under 1 year	72	14.3	35	6.8
Deaths under 1 month	46	9.1	19	3.7
Tuberculosis (010-018)			5	2.8
Syphilis (090-097)				
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	56	24.8	21	11.7
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	426	188.7	167	92.8
Malignant neoplasm of digestive organs and peritoneum (150-159)	106	47.0	48	26.7
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	105	46.5	43	23.9
Malignant neoplasm of breast (174-175)	36	15.9	11	6.1
Malignant neoplasm of genital organs (179-187)	68	30.1	20	11.1
Malignant neoplasm of urinary organs (188-189)	14	6.2	6	3.3
Leukemia (204-208)	14	6.2	7	3.9
Other malignant neoplasms (140-149, 170-173, 190-203)	83	36.8	32	17.8
Diabetes mellitus (250)	45	19.9	47	26.1
Major cardiovascular diseases (390-448)	842	372.9	423	235.1
Diseases of the heart (390-398, 402, 404-429)	634	280.8	328	182.3
Rheumatic fever and rheumatic heart disease (390-398)	3	1.3		
Hypertensive heart disease with or without renal disease (402,404)	28	12.4	4	2.2
Ischemic heart disease (410-414)	368	163.0	237	131.7
Other heart diseases (415-429)	235	104.1	87	48.3
Hypertension with or without renal disease (401,403)	15	6.6	2	1.1
Cerebrovascular disease (430-438)	154	68.2	72	40.0
Arteriosclerosis (440)	23	10.2	12	6.7
Other diseases of arteries, arterioles, and capillaries (441-448)	16	7.1	9	5.0
Pneumonia and influenza (480-487)	69	30.6	32	17.8
Chronic obstructive pulmonary disease and allied conditions (490-496)	40	17.7	23	12.8
Ulcer of stomach and duodenum (531-533)	5	2.2	2	1.1
Chronic liver disease and cirrhosis (571)	19	8.4	24	13.3
Nephritis, nephrotic syndrome and nephrosis (580-589)	33	14.6	24	13.3
Complications of pregnancy, childbirth, and the puerperium (630-676)	2	.9		
Congenital anomalies (740-759)	15	6.6	8	4.4
Certain conditions originating in the perinatal period (760-779)	38	16.8	11	6.1
Symptoms, signs, and ill-defined conditions (780-799)	16	7.1	20	11.1
All other diseases (Residual)	170	75.3	94	52.2
Motor vehicle accidents (E810-E825)	50	22.1	53	29.5
All other accidents and adverse effects (E800-E807, E826-E949)	56	24.8	37	20.6
Suicide (E950-E959)	14	6.2	18	10.0
Homicide and legal intervention (E960-E978)	63	27.9	23	12.8
All other external causes (E980-E999)	7	3.1	6	3.3

TABLE III
BIRTHS AND DEATHS, NUMBER AND RATE
OKLAHOMA, 1920-1987
PER 1000 POPULATION

YEAR	BIRTHS		DEATHS		YEAR	BIRTHS		DEATHS	
	NUMBER	RATE	NUMBER	RATE		NUMBER	RATE	NUMBER	RATE
1920	40,636	19.9	16,054	7.8	1955	50,636	22.2	19,705	8.6
1921	47,068	22.6	16,340	7.8	1956	51,894	22.6	20,954	9.1
1922	50,944	24.1	16,378	7.7	1957	51,349	22.3	21,568	9.4
1923	47,452	22.0	17,273	8.0	1958	50,552	21.9	21,812	9.4
1924	50,453	23.0	17,103	7.8	1959	51,141	22.0	21,996	9.5
1925	54,915	24.7	20,026	9.0	1960	50,900	21.9	22,932	9.8
1926	55,770	24.7	20,507	9.1	1961	50,859	21.2	22,973	9.6
1927	51,856	22.6	21,170	9.2	1962	51,351	21.0	24,005	9.8
1928	42,936	18.4	20,953	9.0	1963	49,955	20.5	24,458	10.0
1929	39,738	16.8	21,398	9.0	1964	47,563	19.3	24,194	9.8
1930	42,505	17.8	19,646	8.2	1965	42,806	17.5	24,304	9.9
1931	43,269	18.1	18,802	7.9	1966	39,993	16.1	24,806	10.0
1932	41,039	17.2	19,285	8.1	1967	40,102	16.1	24,859	10.0
1933	43,697	18.4	20,309	8.5	1968	40,973	16.3	25,708	10.2
1934	47,302	20.0	21,373	9.0	1969	42,737	16.6	25,972	10.1
1935	43,691	18.5	21,091	8.9	1970	44,991	17.6	26,750	10.5
1936	41,815	17.7	23,350	9.9	1971	45,353	17.4	25,682	9.8
1937	41,223	17.5	21,399	9.1	1972	42,303	16.1	26,935	10.2
1938	44,190	18.8	20,422	8.7	1973	40,765	15.3	27,357	10.3
1939	42,760	18.3	20,657	8.8	1974	42,363	15.8	27,228	10.2
1940	44,258	19.1	20,618	8.9	1975	42,704	15.7	27,165	10.0
1941	45,313	19.5	20,097	8.6	1976	43,655	15.8	27,103	9.8
1942	45,277	19.6	18,985	8.2	1977	45,449	16.2	26,766	9.5
1943	47,800	20.8	19,765	8.6	1978	45,883	15.9	27,892	9.7
1944	46,885	20.5	18,438	8.2	1979	49,007	16.9	27,756	9.6
1945	43,405	19.0	18,731	8.2	1980	52,065	17.2	28,227	9.3
1946	50,043	22.0	18,420	8.1	1981	53,620	17.3	28,568	9.2
1947	52,691	23.3	19,101	8.4	1982	58,748	18.5	29,305	9.2
1948	50,428	22.4	19,074	8.5	1983	56,859	17.2	29,426	8.9
1949	49,971	22.3	19,346	8.6	1984	54,323	16.5	28,635	8.7
1950	50,472	22.6	19,431	8.7	1985	53,100	16.1	29,735	9.0
1951	50,597	22.5	20,082	8.9	1986	50,536	15.3	29,708	9.0
1952	50,146	22.6	19,645	8.7	1987	47,697	14.6	29,191	8.9
1953	51,275	22.6	19,820	8.8					
1954	51,457	22.6	20,121	8.8					

TABLE IV
RESIDENT LIVE BIRTHS BY AGE OF MOTHER, RACE, NUMBER AND PERCENT OF LOW-WEIGHT BIRTHS*, OKLAHOMA, 1987

AGE OF MOTHER	TOTAL			WHITE			BLACK			INDIAN		
	BIRTHS	LOW-BIRTHS	PERCENT	BIRTHS	LOW-BIRTHS	PERCENT	BIRTHS	LOW-BIRTHS	PERCENT	BIRTHS	LOW-BIRTHS	PERCENT
TOTAL	47697	3246	7.0	37507	2362	6.0	5047	564	11.0	5143	320	6.0
-13	5	0	0.0	2	0	0.0	3	0	0.0	0	0	0.0
13	14	3	21.0	2	0	0.0	8	3	38.0	4	0	0.0
14	126	15	12.0	65	9	14.0	47	5	11.0	14	1	7.0
15	360	29	8.0	199	14	7.0	93	8	9.0	68	7	10.0
16	933	91	10.0	579	47	8.0	201	29	14.0	153	15	10.0
17	1479	137	9.0	1048	92	9.0	233	29	12.0	198	16	8.0
18	2115	193	9.0	1515	137	9.0	266	38	14.0	334	18	5.0
19	2615	204	8.0	1859	147	8.0	375	38	10.0	381	19	5.0
20	2847	203	7.0	2061	118	6.0	377	55	15.0	409	30	7.0
21	2997	182	6.0	2182	125	6.0	403	37	9.0	412	20	5.0
22	3111	233	7.0	2393	176	7.0	355	37	10.0	363	20	6.0
23	3328	192	6.0	2610	146	6.0	325	30	9.0	393	16	4.0
24	3377	182	5.0	2704	142	5.0	326	28	9.0	347	12	3.0
25	3378	216	6.0	2729	163	6.0	307	34	11.0	342	19	6.0
26	3127	199	6.0	2590	151	6.0	262	25	10.0	275	23	8.0
27	3052	191	6.0	2515	151	6.0	280	28	10.0	257	12	5.0
28	2776	168	6.0	2309	119	5.0	244	39	16.0	223	10	4.0
29	2391	153	6.0	2036	120	6.0	181	18	10.0	174	15	9.0
30-34	7351	465	6.0	6193	356	6.0	572	59	10.0	586	50	9.0
35-39	2010	152	10.0	1666	115	7.0	173	23	13.0	171	14	8.0
40-44	282	32	11.0	232	30	13.0	15	0	0.0	35	2	6.0
45+	11	2	18.0	9	1	11.0	1	1	1.0	1	0	0.0
UNKNOWN	12	4	25.0	9	3	33.0	0	0	0.0	3	1	0.0

*Births with a specified weight of 5 lb. 8 oz. or less

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	ADAIR					ALFALFA				
POPULAT[illegible]	20,200					6,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births......................................	322	1594.1	98		224	63	940.3	61		2
Physician in hospital..........................	292	90.7	90		202	62	98.4	60		2
Physician not in hospital......................	8	2.5	6		2					
Midwife, other, or unknown.....................	22	6.8	2		20	1	1.6	1		
Stillbirths..	3	9.2	1		2	2	30.8	2		
Physician in hospital..........................	3	100.0	1		2	2	100.0	2		
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes..........................	212	1049.5	162		50	94	1403.0	94		
Deaths under 1 year...........................	7	21.7	3		4	1	15.9	1		
Deaths under 1 month..........................	2	6.2			2	1	15.9	1		
Tuberculosis ....(010-018)	2	9.9	1		1					
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	4	19.8	2		2					
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	32	158.4	26		6	19	283.6	19		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	7	34.7	6		1	7	104.5	7		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	8	39.6	6		2	6	89.6	6		
Malignant neoplasm of breast ....(174-175)	3	14.9	3			2	29.9	2		
Malignant neoplasm of genital organs ....(179-187)	4	19.8	4							
Malignant neoplasm of urinary organs .(188-189)	2	9.9	2			1	14.9	1		
Leukemia ....(204-208)	1	5.0			1					
Other malignant neoplasms ....(140-149, 170-173, 190-203)	7	34.7	5		2	3	44.8	3		
Diabetes mellitus ....(250)	6	29.7	5		1					
Major cardiovascular diseases ....(390-448)	95	470.3	77		18	50	746.3	50		
Diseases of the heart ....(390-398, 402, 404-429)	74	366.3	59		15	42	626.9	42		
Rheumatic fever and rheumatic heart disease ....(390-398)						1	14.9	1		
Hypertensive heart disease with or without renal disease ....(402,404)	1	5.0	1							
Ischemic heart disease ....(410-414)	45	222.8	38		7	28	417.9	28		
Other heart diseases ....(415-429)	28	138.6	20		8	13	194.0	13		
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	18	89.1	15		3	4	59.7	4		
Arteriosclerosis ....(440)						4	59.7	4		
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	3	14.9	3							
Pneumonia and influenza ....(480-487)	11	54.5	7		4					
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	12	59.4	11		1	1	14.9	1		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)	1	5.0	1			1	14.9	1		
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	2	9.9	2							
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	2	9.9	1		1					
Certain conditions originating in the perinatal period ....(760-779)	1	5.0			1	1	14.9	1		
Symptoms, signs, and ill-defined conditions ....(780-799)	1	5.0	1							
All other diseases ....(Residual)	13	64.4	7		6	15	223.9	15		
Motor vehicle accidents ....(E810-E825)	15	74.3	11		4	1	14.9	1		
All other accidents and adverse effects ....(E800-E807, E826-E949)	6	29.7	4		2	4	59.7	4		
Suicide ....(E950-E959)	5	24.8	3		2	2	29.9	2		
Homicide and legal intervention ....(E960-E978)	4	19.8	3		1					
All other external causes ....(E980-E999)										

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	ATOKA					BEAVER				
POPULATION	13,500					7,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	166	1229.6	128	10	28	74	1042.3	74		
Physician in hospital	166	100.0	128	10	28	74	100.0	74		
Physician not in hospital										
Midwife, other, or unknown										
Stillbirths	2	11.9	1		1					
Physician in hospital	1	50.0			1					
Physician not in hospital	1	50.0	1							
Midwife, other, or unknown										
Total deaths, all causes	132	977.8	117	8	7	56	788.7	56		
Deaths under 1 year						2	27.0	2		
Deaths under 1 month						2	27.0	2		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	28	207.4	25	2	1	16	225.4	16		
Malignant neoplasm of digestive organs and peritoneum (150-159)	5	37.0	3	1	1	5	70.4	5		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	6	44.4	6			5	70.4	5		
Malignant neoplasm of breast (174-175)	4	29.6	3	1						
Malignant neoplasm of genital organs (179-187)	3	22.2	3			1	14.1	1		
Malignant neoplasm of urinary organs (188-189)						2	28.2	2		
Leukemia (204-208)	1	7.4	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	9	66.7	9			3	42.3	3		
Diabetes mellitus (250)						1	14.1	1		
Major cardiovascular diseases (390-448)	73	540.7	65	3	5	23	323.9	23		
Diseases of the heart (390-398, 402, 404-429)	62	459.3	54	3	5	11	154.9	11		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	30	222.2	26		4	7	98.6	7		
Other heart diseases (415-429)	32	237.0	28	3	1	4	56.3	4		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	10	74.1	10			8	112.7	8		
Arteriosclerosis (440)						4	56.3	4		
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	7.4	1							
Pneumonia and influenza (480-487)	4	29.6	3	1						
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	29.6	4			3	42.3	3		
Ulcer of stomach and duodenum (531-533)	1	7.4	1							
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	14.8	1	1		1	14.1	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)						2	28.2	2		
Symptoms, signs, and ill-defined conditions (780-799)	6	44.4	5	1		1	14.1	1		
All other diseases (Residual)	4	29.6	4			3	42.3	3		
Motor vehicle accidents (E810-E825)	2	14.8	2			2	28.2	2		
All other accidents and adverse effects (E800-E807, E826-E949)	5	37.0	5			2	28.2	2		
Suicide (E950-E959)	1	7.4	1			2	28.2	2		
Homicide and legal intervention (E960-E978)	1	7.4	1							
All other external causes (E980-E999)	1	7.4			1					

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	BECKHAM 20,000					BLAINE 13,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	271	1355.0	246	8	17	189	1442.7	143	15	31
Physician in hospital..........................	270	99.6	245	8	17	184	97.4	138	15	31
Physician not in hospital......................						2	1.1	2		
Midwife, other, or unknown.....................	1	.4	1			3	1.6	3		
Stillbirths..	7	25.2	5		2	1	5.3	1		
Physician in hospital..........................	7	100.0	5		2	1	100.0	1		
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes...........................	268	1340.0	265	2	1	183	1396.9	167	5	11
Deaths under 1 year............................	1	3.7	1			4	21.2	2		2
Deaths under 1 month...........................						3	15.9	2		1
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	2	10.0	2			1	7.6			1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	44	220.0	44			31	236.6	28	2	1
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	15	75.0	15			9	68.7	7	2	
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	15	75.0	15			8	61.1	8		
Malignant neoplasm of breast ....(174-175)	3	15.0	3			1	7.6	1		
Malignant neoplasm of genital organs ....(179-187)	4	20.0	4			3	22.9	3		
Malignant neoplasm of urinary organs .(188-189)	2	10.0	2			1	7.6	1		
Leukemia ....(204-208)										
Other malignant neoplasms ....(140-149, 170-173, 190-203)	5	25.0	5			9	68.7	8		1
Diabetes mellitus ....(250)						6	45.8	6		
Major cardiovascular diseases ....(390-448)	152	760.0	149	2	1	85	648.9	81	3	1
Diseases of the heart ....(390-398, 402, 404-429)	121	605.0	119	2		58	442.7	54	3	1
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)	4	20.0	4			1	7.6	1		
Ischemic heart disease ....(410-414)	77	385.0	76	1		44	335.9	41	2	1
Other heart diseases ....(415-429)	40	200.0	39	1		13	99.2	12	1	
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	30	150.0	29		1	22	167.9	22		
Arteriosclerosis ....(440)						2	15.3	2		
Other diseases of arteries, arterioles, and capillaries ....(441-448)	1	5.0	1			3	22.9	3		
Pneumonia and influenza ....(480-487)	8	40.0	8			7	53.4	7		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	5	25.0	5			5	38.2	5		
Ulcer of stomach and duodenum ....(531-533)	2	10.0	2			2	15.3	2		
Chronic liver disease and cirrhosis ....(571)	3	15.0	3			2	15.3	1		1
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	3	15.0	3			5	38.2	5		
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)										
Certain conditions originating in the perinatal period ....(760-779)						3	22.9	2		1
Symptoms, signs, and ill-defined conditions ....(780-799)	11	55.0	11			1	7.6	1		
All other diseases ....(Residual)	19	95.0	19			21	160.3	17		4
Motor vehicle accidents ....(E810-E825)	8	40.0	8			7	53.4	6		1
All other accidents and adverse effects ....(E800-E807, E826-E949)	7	35.0	7			4	30.5	3		1
Suicide ....(E950-E959)	4	20.0	4			3	22.9	3		
Homicide and legal intervention ....(E960-E978)										
All other external causes ....(E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	BRYAN 33,200					CADDO 32,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	452	1361.4	394	9	49	540	1651.4	340	17	183
Physician in hospital	452	100.0	394	9	49	538	99.6	338	17	183
Physician not in hospital										
Midwife, other, or unknown						2	.4	2		
Stillbirths						6	11.0	3	1	2
Physician in hospital						4	66.7	2		2
Physician not in hospital						2	33.3	1	1	
Midwife, other, or unknown										
Total deaths, all causes	372	1120.5	344	7	21	359	1097.9	293	7	59
Deaths under 1 year	4	8.8	3		1	4	7.4	1		3
Deaths under 1 month	3	6.6	2		1	3	5.6	1		2
Tuberculosis ....(010-018)	1	3.0	1							
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	6	18.1	6			6	18.3	4		2
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	84	253.0	80	2	2	76	232.4	65	5	6
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	23	69.3	22		1	23	70.3	20	1	2
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	18	54.2	18			18	55.0	17	1	
Malignant neoplasm of breast ....(174-175)	8	24.1	8			4	12.2	4		
Malignant neoplasm of genital organs ....(179-187)	9	27.1	8	1		10	30.6	7	3	
Malignant neoplasm of urinary organs .(188-189)	2	6.0	2			5	15.3	4		1
Leukemia ....(204-208)	1	3.0	1			1	3.1	1		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	23	69.3	21	1	1	15	45.9	12		3
Diabetes mellitus ....(250)	9	27.1	6		3	9	27.5	5		4
Major cardiovascular diseases ....(390-448)	179	539.2	166	4	9	168	513.8	145	2	21
Diseases of the heart ....(390-398, 402, 404-429)	130	391.6	123	2	5	131	400.6	115	2	14
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)						2	6.1	2		
Ischemic heart disease ....(410-414)	89	268.1	84	1	4	101	308.9	88	2	11
Other heart diseases ....(415-429)	41	123.5	39	1	1	28	85.6	25		3
Hypertension with or without renal disease ....(401,403)	2	6.0	1	1		1	3.1	1		
Cerebrovascular disease ....(430-438)	26	78.3	24	1	1	35	107.0	28		7
Arteriosclerosis ....(440)	15	45.2	13		2					
Other diseases of arteries, arterioles, and capillaries ....(441-448)	6	18.1	5		1	1	3.1	1		
Pneumonia and influenza ....(480-487)	5	15.1	4		1	11	33.6	11		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	14	42.2	14			14	42.8	13		1
Ulcer of stomach and duodenum ....(531-533)						3	9.2	3		
Chronic liver disease and cirrhosis ....(571)	3	9.0	3			4	12.2	2		2
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	4	12.0	4			5	15.3	3		2
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	1	3.0		1		2	6.1	1		1
Certain conditions originating in the perinatal period ....(760-779)	3	9.0	2		1	2	6.1	1		1
Symptoms, signs, and ill-defined conditions ....(780-799)	11	33.1	11			6	18.3	4		2
All other diseases ....(Residual)	32	96.4	28		4	21	64.2	13		8
Motor vehicle accidents ....(E810-E825)	6	18.1	5		1	14	42.8	8		6
All other accidents and adverse effects ....(E800-E807, E826-E949)	4	12.0	4			11	33.6	10		1
Suicide ....(E950-E959)	6	18.1	6			3	9.2	2		1
Homicide and legal intervention ....(E960-E978)	3	9.0	3			3	9.2	2		1
All other external causes ....(E980-E999)	1	3.0	1			1	3.1	1		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	CANADIAN 73,600					CARTER 46,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	1,123	1525.8	1,051	27	45	625	1338.3	494	70	61
Physician in hospital	1,092	97.2	1,022	26	44	620	99.2	489	70	61
Physician not in hospital	1	.1			1					
Midwife, other, or unknown	30	2.7	29	1		5	.8	5		
Stillbirths	3	2.7	3			6	9.5	4	2	
Physician in hospital	3	100.0	3			6	100.0	4	2	
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	414	562.5	403	3	8	512	1096.4	452	41	19
Deaths under 1 year	8	7.1	7		1	4	6.4	3		1
Deaths under 1 month	5	4.5	4		1	2	3.2	2		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	5	6.8	5			6	12.8	4	1	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	101	137.2	100		1	115	246.3	98	15	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	20	27.2	20			28	60.0	24	3	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	23	31.3	23			38	81.4	33	5	
Malignant neoplasm of breast (174-175)	8	10.9	8			7	15.0	7		
Malignant neoplasm of genital organs (179-187)	10	13.6	9		1	18	38.5	14	4	
Malignant neoplasm of urinary organs (188-189)	5	6.8	5			3	6.4	3		
Leukemia (204-208)	7	9.5	7			5	10.7	4	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	28	38.0	28			16	34.3	13	2	1
Diabetes mellitus (250)	4	5.4	4			15	32.1	15		
Major cardiovascular diseases (390-448)	171	232.3	167	1	3	240	513.9	217	18	5
Diseases of the heart (390-398, 402, 404-429)	134	182.1	131	1	2	177	379.0	162	13	2
Rheumatic fever and rheumatic heart disease (390-398)	1	1.4	1							
Hypertensive heart disease with or without renal disease (402,404)	2	2.7	2			4	8.6	2	2	
Ischemic heart disease (410-414)	82	111.4	79	1	2	142	304.1	133	7	2
Other heart diseases (415-429)	49	66.6	49			31	66.4	27	4	
Hypertension with or without renal disease (401,403)	2	2.7	2			6	12.8	6		
Cerebrovascular disease (430-438)	26	35.3	25		1	44	94.2	38	4	2
Arteriosclerosis (440)	5	6.8	5			7	15.0	5	1	1
Other diseases of arteries, arterioles, and capillaries (441-448)	4	5.4	4			6	12.8	6		
Pneumonia and influenza (480-487)	12	16.3	11		1	15	32.1	13	2	
Chronic obstructive pulmonary disease and allied conditions (490-496)	19	25.8	18		1	13	27.8	13		
Ulcer of stomach and duodenum (531-533)	2	2.7	2			3	6.4	2	1	
Chronic liver disease and cirrhosis (571)	2	2.7	2			5	10.7	4		1
Nephritis, nephrotic syndrome and nephrosis (580-589)	10	13.6	9	1		6	12.8	3		3
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	5	6.8	5			3	6.4	3		
Certain conditions originating in the perinatal period (760-779)	3	4.1	2		1	2	4.3	1		1
Symptoms, signs, and ill-defined conditions (780-799)	3	4.1	3			7	15.0	6		1
All other diseases (Residual)	40	54.3	39		1	31	66.4	30	1	
Motor vehicle accidents (E810-E825)	13	17.7	13			18	38.5	15	1	2
All other accidents and adverse effects (E800-E807, E826-E949)	12	16.3	11	1		17	36.4	16		1
Suicide (E950-E959)	11	14.9	11			8	17.1	6	1	1
Homicide and legal intervention (E960-E978)	1	1.4	1			7	15.0	6		1
All other external causes (E980-E999)						1	2.1		1	

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	CHEROKEE					CHOCTAW				
POPULATION	35,600					16,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	436	1224.7	198	4	234	232	1397.6	138	45	49
Physician in hospital..........................	409	93.8	188	4	217	223	96.1	136	45	42
Physician not in hospital......................	2	.5	2							
Midwife, other, or unknown.....................	25	5.7	8		17	9	3.9	2		7
Stillbirths..	5	11.3	3	1	1	3	12.8	3		
Physician in hospital..........................	5	100.0	3	1	1	3	100.0	3		
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes..........................	273	766.9	223		50	215	1295.2	175	32	8
Deaths under 1 year............................	2	4.6	2			1	4.3	1		
Deaths under 1 month...........................	1	2.3	1			1	4.3	1		
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	6	16.9	5		1					
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	55	154.5	44		11	45	271.1	34	7	4
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	16	44.9	14		2	8	48.2	6	1	1
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	12	33.7	6		6	17	102.4	14	1	2
Malignant neoplasm of breast ....(174-175)	2	5.6	2			3	18.1	2	1	
Malignant neoplasm of genital organs ....(179-187)	3	8.4	3			5	30.1	2	2	1
Malignant neoplasm of urinary organs .(188-189)	1	2.8	1							
Leukemia ....(204-208)	3	8.4	2		1	3	18.1	3		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	18	50.6	16		2	9	54.2	7	2	
Diabetes mellitus ....(250)	2	5.6	1		1	1	6.0	1		
Major cardiovascular diseases ....(390-448)	125	351.1	103		22	107	644.6	86	20	1
Diseases of the heart ....(390-398, 402, 404-429)	82	230.3	66		16	94	566.3	76	17	1
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)						1	6.0	1		
Ischemic heart disease ....(410-414)	61	171.3	50		11	68	409.6	56	11	1
Other heart diseases ....(415-429)	21	59.0	16		5	25	150.6	19	6	
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	27	75.8	23		4	8	48.2	7	1	
Arteriosclerosis ....(440)	10	28.1	9		1	3	18.1	1	2	
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	6	16.9	5		1	2	12.0	2		
Pneumonia and influenza ....(480-487)	4	11.2	4			13	78.3	10	2	1
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	7	19.7	7			9	54.2	9		
Ulcer of stomach and duodenum ....(531-533)	5	14.0	5			2	12.0	2		
Chronic liver disease and cirrhosis ....(571)	2	5.6	2			3	18.1	2		1
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	2	5.6	2			3	18.1	2	1	
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	4	11.2	4							
Certain conditions originating in the perinatal period ....(760-779)						1	6.0	1		
Symptoms, signs, and ill-defined conditions ....(780-799)	1	2.8	1			2	12.0	2		
All other diseases ....(Residual)	42	118.0	29		13	19	114.5	16	2	1
Motor vehicle accidents ....(E810-E825)	5	14.0	5			5	30.1	5		
All other accidents and adverse effects ....(E800-E807, E826-E949)	5	14.0	5			2	12.0	2		
Suicide ....(E950-E959)	4	11.2	3		1	1	6.0	1		
Homicide and legal intervention ....(E960-E978)	4	11.2	3		1	2	12.0	2		
All other external causes ....(E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	CIMARRON 4,000					CLEVELAND 163,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	60	1500.0	60			2,263	1384.9	2,097	83	83
Physician in hospital	60	100.0	60			2,207	97.5	2,046	79	82
Physician not in hospital						3	.1	3		
Midwife, other, or unknown						53	2.3	48	4	1
Stillbirths						13	5.7	11		2
Physician in hospital						13	100.0	11		2
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	43	1075.0	43			791	484.1	771	8	12
Deaths under 1 year						26	11.5	26		
Deaths under 1 month						12	5.3	12		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						15	9.2	14		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	11	275.0	11			175	107.1	171	2	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	75.0	3			49	30.0	47		2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	50.0	2			52	31.8	52		
Malignant neoplasm of breast (174-175)	1	25.0	1			11	6.7	11		
Malignant neoplasm of genital organs (179-187)	2	50.0	2			18	11.0	17	1	
Malignant neoplasm of urinary organs (188-189)	1	25.0	1			9	5.5	9		
Leukemia (204-208)						8	4.9	7	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	2	50.0	2			28	17.1	28		
Diabetes mellitus (250)	3	75.0	3			13	8.0	12	1	
Major cardiovascular diseases (390-448)	20	500.0	20			319	195.2	311	4	4
Diseases of the heart (390-398, 402, 404-429)	15	375.0	15			241	147.5	234	4	3
Rheumatic fever and rheumatic heart disease (390-398)						1	.6	1		
Hypertensive heart disease with or without renal disease (402,404)						1	.6	1		
Ischemic heart disease (410-414)	12	300.0	12			168	102.8	164	1	3
Other heart diseases (415-429)	3	75.0	3			71	43.5	68	3	
Hypertension with or without renal disease (401,403)						1	.6	1		
Cerebrovascular disease (430-438)	5	125.0	5			65	39.8	64		1
Arteriosclerosis (440)						5	3.1	5		
Other diseases of arterioes, arterioles, and capillaries (441-448)						7	4.3	7		
Pneumonia and influenza (480-487)	1	25.0	1			40	24.5	39	1	
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	25.0	1			35	21.4	34		1
Ulcer of stomach and duodenum (531-533)						1	.6	1		
Chronic liver disease and cirrhosis (571)						7	4.3	6		1
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	25.0	1			7	4.3	7		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						7	4.3	7		
Certain conditions originating in the perinatal period (760-779)						8	4.9	8		
Symptoms, signs, and ill-defined conditions (780-799)						10	6.1	10		
All other diseases (Residual)	4	100.0	4			84	51.4	84		
Motor vehicle accidents (E810-E825)	1	25.0	1			20	12.2	19		1
All other accidents and adverse effects (E800-E807, E826-E949)	1	25.0	1			23	14.1	22		1
Suicide (E950-E959)						13	8.0	12		1
Homicide and legal intervention (E960-E978)						12	7.3	12		
All other external causes (E980-E999)						2	1.2	2		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	COAL					COMANCHE				
POPULATION	6,100					119,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	75	1229.5	61		14	2,332	1953.1	1,642	564	126
Physician in hospital	75	100.0	61		14	2,327	99.8	1,639	562	126
Physician not in hospital						1			1	
Midwife, other, or unknown						4	.2	3	1	
Stillbirths						21	8.9	13	8	
Physician in hospital						21	100.0	13	8	
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	68	1114.8	65		3	720	603.0	622	77	21
Deaths under 1 year	2	26.7	2			13	5.6	8	4	1
Deaths under 1 month	1	13.3	1			10	4.3	5	4	1
Tuberculosis (010-018)						1	.8			1
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						7	5.9	7		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	16	262.3	16			172	144.1	150	16	6
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	49.2	3			28	23.5	26	1	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	49.2	3			56	46.9	49	6	1
Malignant neoplasm of breast (174-175)	1	16.4	1			16	13.4	15	1	
Malignant neoplasm of genital organs (179-187)	2	32.8	2			22	18.4	15	6	1
Malignant neoplasm of urinary organs (188-189)						8	6.7	8		
Leukemia (204-208)						8	6.7	7	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	7	114.8	7			34	28.5	30	1	3
Diabetes mellitus (250)						14	11.7	11		3
Major cardiovascular diseases (390-448)	29	475.4	29			301	252.1	267	31	3
Diseases of the heart (390-398, 4C2, 404-429)	23	377.0	23			244	204.4	216	25	3
Rheumatic fever and rheumatic heart disease (390-398)						3	2.5	3		
Hypertensive heart disease with or without renal disease (402,404)						5	4.2	5		
Ischemic heart disease (410-414)	14	229.5	14			176	147.4	158	16	2
Other heart diseases (415-429)	9	147.5	9			60	50.3	50	9	1
Hypertension with or without renal disease (401,403)						6	5.0	5	1	
Cerebrovascular disease (430-438)	3	49.2	3			41	34.3	36	5	
Arteriosclerosis (440)	1	16.4	1			3	2.5	3		
Other diseases of arteries, arterioles, and capillaries (441-448)	2	32.8	2			7	5.9	7		
Pneumonia and influenza (480-487)	1	16.4	1			35	29.3	32	2	1
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	16.4	1			36	30.2	36		
Ulcer of stomach and duodenum (531-533)						2	1.7	2		
Chronic liver disease and cirrhosis (571)	1	16.4	1			8	6.7	7	1	
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	32.8	2			4	3.4	3	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	16.4	1			4	3.4	2	1	1
Certain conditions originating in the perinatal period (760-779)						5	4.2	2	3	
Symptoms, signs, and ill-defined conditions (780-799)						3	2.5	3		
All other diseases (Residual)	12	196.7	11		1	66	55.3	56	7	3
Motor vehicle accidents (E810-E825)	3	49.2	2		1	18	15.1	12	5	1
All other accidents and adverse effects (E800-E807, E826-E949)	1	16.4			1	19	15.9	17	2	
Suicide (E950-E959)	1	16.4	1			13	10.9	11	2	
Homicide and legal intervention (E960-E978)						12	10.1	4	6	2
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	COTTON 7,000					CRAIG 15,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	85	1214.3	71	3	11	185	1233.3	122	11	52
Physician in hospital	84	98.8	70	3	11	173	93.5	122	11	40
Physician not in hospital										
Midwife, other, or unknown	1	1.2	1			12	6.5			12
Stillbirths						2	10.7			2
Physician in hospital						2	100.0			2
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	102	1457.1	96	2	4	215	1433.3	195	5	15
Deaths under 1 year						1	5.4	1		
Deaths under 1 month						1	5.4	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						1	6.7	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	22	314.3	20	1	1	32	213.3	30	1	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	28.6	1	1		10	66.7	10		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	7	100.0	6		1	13	86.7	12	1	
Malignant neoplasm of breast (174-175)	2	28.6	2			1	6.7	1		
Malignant neoplasm of genital organs (179-187)	5	71.4	5			4	26.7	3		1
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)	2	28.6	2							
Other malignant neoplasms (140-149, 170-173, 190-203)	4	57.1	4			4	26.7	4		
Diabetes mellitus (250)						3	20.0	3		
Major cardiovascular diseases (390-448)	62	885.7	59	1	2	112	746.7	100	2	10
Diseases of the heart (390-398, 402, 404-429)	48	685.7	47		1	79	526.7	74		5
Rheumatic fever and rheumatic heart disease (390-398)	1	14.3	1							
Hypertensive heart disease with or without renal disease (402,404)	1	14.3	1							
Ischemic heart disease (410-414)	14	200.0	13		1	61	406.7	56		5
Other heart diseases (415-429)	32	457.1	32			18	120.0	18		
Hypertension with or without renal disease (401,403)	1	14.3		1						
Cerebrovascular disease (430-438)	13	185.7	12		1	21	140.0	18	2	1
Arteriosclerosis (440)						9	60.0	6		3
Other diseases of arteries, arterioles, and capillaries (441-448)						3	20.0	2		1
Pneumonia and influenza (480-487)	2	28.6	1		1	25	166.7	23	1	1
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	28.6	2			4	26.7	3		1
Ulcer of stomach and duodenum (531-533)						1	6.7	1		
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	14.3	1			4	26.7	4		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						1	6.7	1		
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						1	6.7	1		
All other diseases (Residual)	9	128.6	9			11	73.3	9	1	1
Motor vehicle accidents (E810-E825)	1	14.3	1			9	60.0	9		
All other accidents and adverse effects (E800-E807, E826-E949)	3	42.9	3			5	33.3	4		1
Suicide (E950-E959)						2	13.3	2		
Homicide and legal intervention (E960-E978)						3	20.0	3		
All other external causes (E980-E999)						1	6.7	1		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	CREEK					CUSTER				
POPULATION	66,900					28,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	907	1355.8	755	40	112	394	1372.8	314	32	48
Physician in hospital	847	93.4	708	36	103	390	99.0	310	32	48
Physician not in hospital	1	.1	1			1	.3	1		
Midwife, other, or unknown	59	6.5	46	4	9	3	.8	3		
Stillbirths	1	1.1	1			6	15.0	5		1
Physician in hospital	1	100.0	1			6	100.0	5		1
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	535	799.7	495	29	11	224	780.5	211	7	6
Deaths under 1 year	4	4.4	3		1	6	15.2	5	1	
Deaths under 1 month	2	2.2	1		1	5	12.7	4	1	
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	11	16.4	8	2	1	3	10.5	2	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	125	186.8	118	5	2	37	128.9	35	1	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	25	37.4	24	1		13	45.3	12		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	43	64.3	41	2		14	48.8	14		
Malignant neoplasm of breast (174-175)	8	12.0	8			2	7.0	2		
Malignant neoplasm of genital organs (179-187)	18	26.9	14	2	2	3	10.5	2	1	
Malignant neoplasm of urinary organs (188-189)	4	6.0	4			1	3.5	1		
Leukemia (204-208)	8	12.0	8			1	3.5	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	19	28.4	19			3	10.5	3		
Diabetes mellitus (250)	8	12.0	7	1		3	10.5	3		
Major cardiovascular diseases (390-448)	251	375.2	234	12	5	103	358.9	97	4	2
Diseases of the heart (390-398, 402, 404-429)	185	276.5	172	8	5	87	303.1	82	3	2
Rheumatic fever and rheumatic heart disease (390-398)	1	1.5	1							
Hypertensive heart disease with or without renal disease (402,404)	5	7.5	4		1	1	3.5	1		
Ischemic heart disease (410-414)	142	212.3	133	6	3	66	230.0	62	3	1
Other heart diseases (415-429)	37	55.3	34	2	1	20	69.7	19		1
Hypertension with or without renal disease (401,403)	1	1.5	1			1	3.5	1		
Cerebrovascular disease (430-438)	60	89.7	56	4		13	45.3	12	1	
Arteriosclerosis (440)	2	3.0	2			1	3.5	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	4.5	3			1	3.5	1		
Pneumonia and influenza (480-487)	16	23.9	16			10	34.8	10		
Chronic obstructive pulmonary disease and allied conditions (490-496)	18	26.9	17	1		11	38.3	11		
Ulcer of stomach and duodenum (531-533)	4	6.0	4			2	7.0	2		
Chronic liver disease and cirrhosis (571)	3	4.5	3			3	10.5	3		
Nephritis, nephrotic syndrome and nephrosis (580-589)	11	16.4	8	3		5	17.4	4		1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	3.0	2							
Certain conditions originating in the perinatal period (760-779)	1	1.5			1	5	17.4	4	1	
Symptoms, signs, and ill-defined conditions (780-799)	4	6.0	4			1	3.5	1		
All other diseases (Residual)	37	55.3	35	2		25	87.1	25		
Motor vehicle accidents (E810-E825)	13	19.4	12		1	5	17.4	5		
All other accidents and adverse effects (E800-E807, E826-E949)	15	22.4	12	3		2	7.0	1		1
Suicide (E950-E959)	9	13.5	9			5	17.4	5		
Homicide and legal intervention (E960-E978)	6	9.0	5		1	4	13.9	3		1
All other external causes (E980-E999)	1	1.5	1							

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	DELAWARE					DEWEY				
POPULATION	28,100					6,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	356	1266.9	204		152	79	1295.1	68		11
Physician in hospital	334	93.8	199		135	75	94.9	64		11
Physician not in hospital	1	.3	1							
Midwife, other, or unknown	21	5.9	4		17	4	5.1	4		
Stillbirths	1	2.8	1			2	24.7	2		
Physician in hospital	1	100.0	1							
Physician not in hospital						2	100.0	2		
Midwife, other, or unknown										
Total deaths, all causes	326	1160.1	284		42	78	1278.7	72		6
Deaths under 1 year	2	5.6	2							
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						1	16.4	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	73	259.8	64		9	13	213.1	13		
Malignant neoplasm of digestive organs and peritoneum (150-159)	18	64.1	13		5	4	65.6	4		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	24	85.4	21		3	4	65.6	4		
Malignant neoplasm of breast (174-175)	7	24.9	6		1	1	16.4	1		
Malignant neoplasm of genital organs (179-187)	6	21.4	6							
Malignant neoplasm of urinary organs (188-189)	4	14.2	4							
Leukemia (204-208)	2	7.1	2			2	32.8	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	12	42.7	12			2	32.8	2		
Diabetes mellitus (250)	2	7.1			2	3	49.2	2		1
Major cardiovascular diseases (390-448)	177	629.9	159		18	37	606.6	35		2
Diseases of the heart (390-398, 402, 404-429)	149	530.2	132		17	22	360.7	21		1
Rheumatic fever and rheumatic heart disease (390-398)	2	7.1	2							
Hypertensive heart disease with or without renal disease (402,404)	1	3.6	1							
Ischemic heart disease (410-414)	95	338.1	87		8	17	278.7	16		1
Other heart diseases (415-429)	51	181.5	42		9	5	82.0	5		
Hypertension with or without renal disease (401,403)	2	7.1	2							
Cerebrovascular disease (430-438)	23	81.9	22		1	12	196.7	12		
Arteriosclerosis (440)	1	3.6	1			3	49.2	2		1
Other diseases of arteries, arterioles, and capillaries (441-448)	2	7.1	2							
Pneumonia and influenza (480-487)	10	35.6	8		2	4	65.6	3		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	8	28.5	8			6	98.4	6		
Ulcer of stomach and duodenum (531-533)	1	3.6	1							
Chronic liver disease and cirrhosis (571)	2	7.1	2							
Nephritis, nephrotic syndrome and nephrosis (580-589)	5	17.8	4		1	1	16.4			1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	6	21.4	5		1					
All other diseases (Residual)	21	74.7	17		4	6	98.4	6		
Motor vehicle accidents (E810-E825)	8	28.5	5		3	2	32.8	2		
All other accidents and adverse effects (E800-E807, E826-E949)	5	17.8	4		1	4	65.6	3		1
Suicide (E950-E959)	5	17.8	5			1	16.4	1		
Homicide and legal intervention (E960-E978)	3	10.7	2		1					
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	ELLIS					GARFIELD				
POPULATION	5,300					59,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	51	962.3	50		1	842	1408.0	792	42	8
Physician in hospital...........................	51	100.0	50		1	833	98.9	784	41	8
Physician not in hospital.......................						3	.4	3		
Midwife, other, or unknown......................						6	.7	5	1	
Stillbirths..						5	5.9	3	1	1
Physician in hospital...........................						5	100.0	3	1	1
Physician not in hospital.......................										
Midwifè, other, or unknown......................										
Total deaths, all causes...........................	58	1094.3	58			630	1053.5	605	20	5
Deaths under 1 year.............................	1	19.6	1			7	8.3	6	1	
Deaths under 1 month............................	1	19.6	1			4	4.8	4		
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	1	18.9	1			11	18.4	11		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	17	320.8	17			139	232.4	133	6	
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	5	94.3	5			27	45.2	25	2	
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	3	56.6	3			40	66.9	39	1	
Malignant neoplasm of breast ....(174-175)	1	18.9	1			16	26.8	15	1	
Malignant neoplasm of genital organs ....(179-187)	3	56.6	3			16	26.8	15	1	
Malignant neoplasm of urinary organs .(188-189)						4	6.7	4		
Leukemia ....(204-208)	1	18.9	1			4	6.7	4		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	4	75.5	4			32	53.5	31	1	
Diabetes mellitus ....(250)	1	18.9	1			16	26.8	14	2	
Major cardiovascular diseases ....(390-448)	30	566.0	30			308	515.1	302	5	1
Diseases of the heart ....(390-398, 402, 404-429)	25	471.7	25			228	381.3	226	1	1
Rheumatic fever and rheumatic heart disease ....(390-398)						2	3.3	2		
Hypertensive heart disease with or without renal disease ....(402,404)						5	8.4	5		
Ischemic heart disease ....(410-414)	17	320.8	17			157	262.5	155	1	1
Other heart diseases ....(415-429)	8	150.9	8			64	107.0	64		
Hypertension with or without renal disease ....(401,403)						3	5.0	3		
Cerebrovascular disease ....(430-438)	4	75.5	4			57	95.3	54	3	
Arteriosclerosis ....(440)	1	18.9	1			14	23.4	14		
Other diseases of arteries, arterioles, and capillaries ....(441-448)						6	10.0	5	1	
Pneumonia and influenza ....(480-487)	3	56.6	3			28	46.8	27	1	
Chronic obstructive pulmonary disease and allied conditions ....(490-496)						18	30.1	18		
Ulcer of stomach and duodenum ....(531-533)						2	3.3	2		
Chronic liver disease and cirrhosis ....(571)	2	37.7	2			2	3.3	2		
Nephritis, nephrotic syndrome and nephrosis ....(580-589)						10	16.7	9	1	
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)						4	6.7	4		
Certain conditions originating in the perinatal period ....(760-779)	1	18.9	1			2	3.3	2		
Symptoms, signs, and ill-defined conditions ....(780-799)						3	5.0	3		
All other diseases ....(Residual)	2	37.7	2			50	83.6	47	1	2
Motor vehicle accidents ....(E810-E825)						15	25.1	14	1	
All other accidents and adverse effects ....(E800-E807, E826-E949)	1	18.9	1			13	21.7	10	1	2
Suicide ....(E950-E959)						6	10.0	5	1	
Homicide and legal intervention ....(E960-E978)						3	5.0	2	1	
All other external causes ....(E980-E999)										

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	GARVIN 29,400					GRADY 43,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	352	1197.3	303	21	28	609	1403.2	542	44	23
Physician in hospital	350	99.4	301	21	28	599	98.4	532	44	23
Physician not in hospital						1	.2	1		
Midwife, other, or unknown	2	.6	2			9	1.5	9		
Stillbirths						2	3.3	2		
Physician in hospital						2	100.0	2		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	334	1136.1	317	13	4	356	820.3	335	17	4
Deaths under 1 year	3	8.5	3			5	8.2	4	1	
Deaths under 1 month	2	5.7	2			3	4.9	3		
Tuberculosis (010-018)	1	3.4	1							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	6	20.4	6			1	2.3		1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	78	265.3	75	2	1	81	186.6	75	5	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	16	54.4	14	1	1	21	48.4	20	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	28	95.2	27	1		27	62.2	25	1	1
Malignant neoplasm of breast (174-175)	9	30.6	9			4	9.2	4		
Malignant neoplasm of genital organs (179-187)	5	17.0	5			7	16.1	6	1	
Malignant neoplasm of urinary organs (188-189)	3	10.2	3			5	11.5	5		
Leukemia (204-208)	3	10.2	3			3	6.9	3		
Other malignant neoplasms (140-149, 170-173, 190-203)	14	47.6	14			14	32.3	12	2	
Diabetes mellitus (250)	3	10.2	2	1		4	9.2	4		
Major cardiovascular diseases (390-448)	169	574.8	158	8	3	177	407.8	168	8	1
Diseases of the heart (390-398, 402, 404-429)	123	418.4	116	5	2	117	269.6	112	5	
Rheumatic fever and rheumatic heart disease (390-398)	2	6.8	2							
Hypertensive heart disease with or without renal disease (402,404)						5	11.5	5		
Ischemic heart disease (410-414)	84	285.7	81	2	1	81	186.6	77	4	
Other heart diseases (415-429)	37	125.9	33	3	1	31	71.4	30	1	
Hypertension with or without renal disease (401,403)	1	3.4	1			1	2.3	1		
Cerebrovascular disease (430-438)	20	68.0	19		1	46	106.0	42	3	1
Arteriosclerosis (440)	19	64.6	18	1		7	16.1	7		
Other diseases of arteries, arterioles, and capillaries (441-448)	6	20.4	4	2		6	13.8	6		
Pneumonia and influenza (480-487)	10	34.0	10			11	25.3	11		
Chronic obstructive pulmonary disease and allied conditions (490-496)	15	51.0	15			17	39.2	17		
Ulcer of stomach and duodenum (531-533)	1	3.4	1			2	4.6	2		
Chronic liver disease and cirrhosis (571)						1	2.3	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	3.4	1			3	6.9	3		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						2	4.6	2		
Certain conditions originating in the perinatal period (760-779)	1	3.4	1			2	4.6	2		
Symptoms, signs, and ill-defined conditions (780-799)	3	10.2	3			4	9.2	2	2	
All other diseases (Residual)	23	78.2	22	1		24	55.3	23	1	
Motor vehicle accidents (E810-E825)	8	27.2	8			6	13.8	5		1
All other accidents and adverse effects (E800-E807, E826-E949)	9	30.6	8	1		11	25.3	11		
Suicide (E950-E959)	4	13.6	4			7	16.1	6		1
Homicide and legal intervention (E960-E978)						2	4.6	2		
All other external causes (E980-E999)	2	6.8	2			1	2.3	1		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	GRANT 6,200					GREER 6,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	70	1129.0	68		2	70	1044.8	61	7	2
Physician in hospital	69	98.6	67		2	70	100.0	61	7	2
Physician not in hospital	1	1.4	1							
Midwife, other, or unknown										
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	102	1645.2	102			124	1850.7	120	4	
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	32.3	2			2	29.9	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	18	290.3	18			25	373.1	25		
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	64.5	4			9	134.3	9		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	64.5	4			5	74.6	5		
Malignant neoplasm of breast (174-175)	2	32.3	2			2	29.9	2		
Malignant neoplasm of genital organs (179-187)	2	32.3	2			2	29.9	2		
Malignant neoplasm of urinary organs (188-189)	2	32.3	2			3	44.8	3		
Leukemia (204-208)						1	14.9	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	4	64.5	4			3	44.8	3		
Diabetes mellitus (250)	1	16.1	1			3	44.8	3		
Major cardiovascular diseases (390-448)	53	854.8	53			60	895.5	60		
Diseases of the heart (390-398, 402, 404-429)	43	693.5	43			48	716.4	48		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	26	419.4	26			33	492.5	33		
Other heart diseases (415-429)	17	274.2	17			15	223.9	15		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	8	129.0	8			9	134.3	9		
Arteriosclerosis (440)	1	16.1	1			3	44.8	3		
Other diseases of arteries, arterioles, and capillaries (441-448)	1	16.1	1							
Pneumonia and influenza (480-487)	3	48.4	3			6	89.6	6		
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	32.3	2			2	29.9	2		
Ulcer of stomach and duodenum (531-533)	1	16.1	1							
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	32.3	2			1	14.9		1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	2	32.3	2			1	14.9	1		
All other diseases (Residual)	10	161.3	10			19	283.6	16	3	
Motor vehicle accidents (E810-E825)	1	16.1	1			1	14.9	1		
All other accidents and adverse effects (E800-E807, E826-E949)	5	80.6	5			2	29.9	2		
Suicide (E950-E959)						1	14.9	1		
Homicide and legal intervention (E960-E978)						1	14.9	1		
All other external causes (E980-E999)	2	32.3	2							

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	HARMON					HARPER				
POPULATION	4,200					4,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	57	1357.1	51	6		43	955.6	43		
Physician in hospital...........................	57	100.0	51	6		43	100.0	43		
Physician not in hospital.......................										
Midwife, other, or unknown.....................										
Stillbirths..						1	22.7	1		
Physician in hospital...........................						1	100.0	1		
Physician not in hospital.......................										
Midwife, other, or unknown.....................										
Total deaths, all causes..........................	62	1476.2	58	4		63	1400.0	63		
Deaths under 1 year............................										
Deaths under 1 month...........................										
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	6	142.9	6			17	377.8	17		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)						5	111.1	5		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	2	47.6	2			8	177.8	8		
Malignant neoplasm of breast ....(174-175)	1	23.8	1							
Malignant neoplasm of genital organs ....(179-187)	1	23.8	1			3	66.7	3		
Malignant neoplasm of urinary organs .(188-189)	1	23.8	1							
Leukemia ....(204-208)										
Other malignant neoplasms ....(140-149, 170-173, 190-203)	1	23.8	1			1	22.2	1		
Diabetes mellitus ....(250)	1	23.8	1			1	22.2	1		
Major cardiovascular diseases ....(390-448)	36	857.1	34	2		30	666.7	30		
Diseases of the heart ....(390-398, 402, 404-429)	28	666.7	26	2		22	488.9	22		
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	23	547.6	21	2		13	288.9	13		
Other heart diseases ....(415-429)	5	119.0	5			9	200.0	9		
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	8	190.5	8			5	111.1	5		
Arteriosclerosis ....(440)						2	44.4	2		
Other diseases of arteries, arterioles, and capillaries ....(441-448)						1	22.2	1		
Pneumonia and influenza ....(480-487)	2	47.6	2							
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	1	23.8	1			2	44.4	2		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)										
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	3	71.4	2	1						
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)						1	22.2	1		
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)	1	23.8	1			1	22.2	1		
All other diseases ....(Residual)	5	119.0	5			8	177.8	8		
Motor vehicle accidents ....(E810-E825)	2	47.6	2			2	44.4	2		
All other accidents and adverse effects ....(E800-E807, E826-E949)	3	71.4	3							
Suicide ....(E950-E959)										
Homicide and legal intervention ....(E960-E978)	2	47.6	1	1						
All other external causes ....(E980-E999)						1	22.2	1		

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	HASKELL					HUGHES				
POPULATION	11,900					14,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	127	1067.2	100	1	26	187	1289.7	116	6	65
Physician in hospital............................	125	98.4	100	1	24	186	99.5	115	6	65
Physician not in hospital........................										
Midwife, other, or unknown......................	2	1.6			2	1	.5	1		
Stillbirths..						1	5.3			1
Physician in hospital............................						1	100.0			1
Physician not in hospital........................										
Midwife, other, or unknown......................										
Total deaths, all causes........................	128	1075.6	122	1	5	179	1234.5	153	5	21
Deaths under 1 year.............................										
Deaths under 1 month............................										
Tuberculosis ....(010-018)						1	6.9			1
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)						1	6.9	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	31	260.5	29	1	1	52	358.6	48	2	2
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	4	33.6	4			13	89.7	12	1	
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	11	92.4	9	1	1	19	131.0	18	1	
Malignant neoplasm of breast ....(174-175)	1	8.4	1			1	6.9	1		
Malignant neoplasm of genital organs ....(179-187)	5	42.0	5			7	48.3	6		1
Malignant neoplasm of urinary organs .(188-189)	1	8.4	1			2	13.8	2		
Leukemia ....(204-208)						1	6.9	1		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	9	75.6	9			9	62.1	8		1
Diabetes mellitus ....(250)	1	8.4	1			7	48.3	3		4
Major cardiovascular diseases ....(390-448)	70	588.2	67		3	80	551.7	69	3	8
Diseases of the heart ....(390-398, 402, 404-429)	58	487.4	55		3	68	469.0	58	3	7
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	40	336.1	40			51	351.7	45	1	5
Other heart diseases ....(415-429)	18	151.3	15		3	17	117.2	13	2	2
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	10	84.0	10			10	69.0	9		1
Arteriosclerosis ....(440)						1	6.9	1		
Other diseases of arterices, arterioles, and capillaries ....(441-448)	2	16.8	2			1	6.9	1		
Pneumonia and influenza ....(480-487)	9	75.6	9			8	55.2	7		1
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	1	8.4	1			5	34.5	4		1
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)						3	20.7	3		
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	2	16.8	2			6	41.4	5		1
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)										
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)										
All other diseases ....(Residual)	8	67.2	8			9	62.1	8		1
Motor vehicle accidents ....(E810-E825)						1	6.9	1		
All other accidents and adverse effects ....(E800-E807, E826-E949)	4	33.6	3		1	2	13.8	1		1
Suicide ....(E950-E959)	1	8.4	1			2	13.8	2		
Homicide and legal intervention ....(E960-E978)	1	8.4	1			1	6.9	1		
All other external causes ....(E980-E999)						1	6.9			1

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	JACKSON					JEFFERSON				
POPULATION	30,900					7,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	603	1951.5	511	76	16	67	859.0	62	1	4
Physician in hospital..............................	602	99.8	510	76	16	67	100.0	62	1	4
Physician not in hospital..........................	1	.2	1							
Midwife, other, or unknown.........................										
Stillbirths..	4	6.6	3	1		2	29.0	2		
Physician in hospital..............................	4	100.0	3	1		2	100.0	2		
Physician not in hospital..........................										
Midwife, other, or unknown.........................										
Total deaths, all causes.............................	240	776.7	216	22	2	105	1346.2	101	3	1
Deaths under 1 year................................	4	6.6	3	1		1	14.9	1		
Deaths under 1 month...............................	4	6.6	3	1						
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	1	3.2	1							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	52	168.3	48	3	1	19	243.6	19		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	17	55.0	16	1		1	12.8	1		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	14	45.3	13		1	8	102.6	8		
Malignant neoplasm of breast ....(174-175)	3	9.7	3							
Malignant neoplasm of genital organs ....(179-187)	6	19.4	5	1		4	51.3	4		
Malignant neoplasm of urinary organs .(188-189)	2	6.5	2							
Leukemia ....(204-208)	1	3.2	1			2	25.6	2		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	9	29.1	8	1		4	51.3	4		
Diabetes mellitus ....(250)	5	16.2	5			1	12.8	1		
Major cardiovascular diseases ....(390-448)	113	365.7	102	11		48	615.4	46	2	
Diseases of the heart ....(390-398, 402, 404-429)	75	242.7	70	5		38	487.2	37	1	
Rheumatic fever and rheumatic heart disease ....(390-398)	1	3.2	1							
Hypertensive heart disease with or without renal disease ....(402,404)	3	9.7	3							
Ischemic heart disease ....(410-414)	57	184.5	54	3		25	320.5	25		
Other heart diseases ....(415-429)	14	45.3	12	2		13	166.7	12	1	
Hypertension with or without renal disease ....(401,403)	1	3.2	1			1	12.8	1		
Cerebrovascular disease ....(430-438)	34	110.0	28	6		8	102.6	7	1	
Arteriosclerosis ....(440)	1	3.2	1			1	12.8	1		
Other diseases of arteries, arterioles, and capillaries ....(441-448)	2	6.5	2							
Pneumonia and influenza ....(480-487)	8	25.9	7	1		5	64.1	5		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	7	22.7	7			6	76.9	6		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)	3	9.7	3			2	25.6	1		1
Nephritis, nephrotic syndrome and nephrosis ....(580-589)						1	12.8	1		
Complications of pregnancy, childbirth, and the puerperium ....(630-676)	1	3.2	1							
Congenital anomalies ....(740-759)	1	3.2	1							
Certain conditions originating in the perinatal period ....(760-779)	3	9.7	2	1						
Symptoms, signs, and ill-defined conditions ....(780-799)	4	12.9	4			2	25.6	2		
All other diseases ....(Residual)	19	61.5	18	1		11	141.0	10	1	
Motor vehicle accidents ....(E810-E825)	7	22.7	6		1	2	25.6	2		
All other accidents and adverse effects ....(E800-E807, E826-E949)	9	29.1	6	3		4	51.3	4		
Suicide ....(E950-E959)	4	12.9	3	1		1	12.8	1		
Homicide and legal intervention ....(E960-E978)	3	9.7	2	1		2	25.6	2		
All other external causes ....(E980-E999)						1	12.8	1		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	JOHNSTON 11,000					KAY 51,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	109	990.9	82	3	24	752	1457.4	645	17	90
Physician in hospital	109	100.0	82	3	24	748	99.5	641	17	90
Physician not in hospital										
Midwife, other, or unknown						4	.5	4		
Stillbirths	2	18.0	2			8	10.5	8		
Physician in hospital	2	100.0	2			8	100.0	8		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	169	1536.4	155	3	11	588	1139.5	553	13	22
Deaths under 1 year						8	10.6	7		1
Deaths under 1 month						5	6.6	5		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						5	9.7	5		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	37	336.4	32	2	3	127	246.1	122	3	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	11	100.0	9	1	1	35	67.8	33	1	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	11	100.0	10		1	40	77.5	40		
Malignant neoplasm of breast (174-175)	3	27.3	2		1	8	15.5	8		
Malignant neoplasm of genital organs (179-187)	4	36.4	3	1		12	23.3	11	1	
Malignant neoplasm of urinary organs (188-189)						3	5.8	3		
Leukemia (204-208)						8	15.5	7	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	8	72.7	8			21	40.7	20		1
Diabetes mellitus (250)						12	23.3	10	1	1
Major cardiovascular diseases (390-448)	89	809.1	84	1	4	310	600.8	293	6	11
Diseases of the heart (390-398, 402, 404-429)	73	663.6	71	1	1	220	426.4	208	5	7
Rheumatic fever and rheumatic heart disease (390-398)						1	1.9	1		
Hypertensive heart disease with or without renal disease (402,404)	2	18.2	2			4	7.8	4		
Ischemic heart disease (410-414)	52	472.7	50	1	1	165	319.8	156	3	6
Other heart diseases (415-429)	19	172.7	19			50	96.9	47	2	1
Hypertension with or without renal disease (401,403)	1	9.1	1			1	1.9	1		
Cerebrovascular disease (430-438)	12	109.1	10		2	69	133.7	66		3
Arteriosclerosis (440)	1	9.1	1			11	21.3	10	1	
Other diseases of arteries, arterioles, and capillaries (441-448)	2	18.2	1		1	9	17.4	8		1
Pneumonia and influenza (480-487)	6	54.5	5		1	18	34.9	17	1	
Chronic obstructive pulmonary disease and allied conditions (490-496)	7	63.6	6		1	16	31.0	16		
Ulcer of stomach and duodenum (531-533)						2	3.9	2		
Chronic liver disease and cirrhosis (571)	1	9.1			1	5	9.7	4		1
Nephritis, nephrotic syndrome and nephrosis (580-589)						7	13.6	6		1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						4	7.8	4		
Certain conditions originating in the perinatal period (760-779)						4	7.8	4		
Symptoms, signs, and ill-defined conditions (780-799)	1	9.1	1			7	13.6	6		1
All other diseases (Residual)	13	118.2	12		1	44	85.3	42	1	1
Motor vehicle accidents (E810-E825)	3	27.3	3			7	13.6	6		1
All other accidents and adverse effects (E800-E807, E826-E949)	8	72.7	8			9	17.4	8	1	
Suicide (E950-E959)	2	18.2	2			8	15.5	7		1
Homicide and legal intervention (E960-E978)	2	18.2	2			2	3.9			2
All other external causes (E980-E999)						1	1.9	1		

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	KINGFISHER 15,200					KIOWA 11,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	221	1453.9	202	9	10	179	1504.2	134	21	24
Physician in hospital	220	99.5	201	9	10	178	99.4	134	21	23
Physician not in hospital										
Midwife, other, or unknown	1	.5	1			1	.6			1
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	146	960.5	137	8	1	183	1537.8	161	11	11
Deaths under 1 year						1	5.6			1
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	13.2	1	1		3	25.2	3		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	29	190.8	26	3		34	285.7	33	1	
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	19.7	2	1		12	100.8	12		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	10	65.8	10			7	58.8	7		
Malignant neoplasm of breast (174-175)	7	46.1	6	1		3	25.2	3		
Malignant neoplasm of genital organs (179-187)						3	25.2	3		
Malignant neoplasm of urinary organs (188-189)	1	6.6	1			2	16.9	2		
Leukemia (204-208)						2	16.8	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	8	52.6	7	1		5	42.0	4	1	
Diabetes mellitus (250)	3	19.7	2	1		4	33.6	3	1	
Major cardiovascular diseases (390-448)	71	467.1	70	1		98	823.5	87	5	6
Diseases of the heart (390-398, 402, 404-429)	56	368.4	55	1		71	596.6	62	4	5
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	6.6	1							
Ischemic heart disease (410-414)	40	263.2	39	1		50	420.2	43	3	4
Other heart diseases (415-429)	15	98.7	15			21	176.5	19	1	1
Hypertension with or without renal disease (401,403)	1	6.6	1			1	8.4			1
Cerebrovascular disease (430-438)	8	52.6	8			24	201.7	23	1	
Arteriosclerosis (440)	2	13.2	2							
Other diseases of arteries, arterioles, and capillaries (441-448)	4	26.3	4			2	16.8	2		
Pneumonia and influenza (480-487)	9	59.2	8	1		9	75.6	7	1	1
Chronic obstructive pulmonary disease and allied conditions (490-496)	7	46.1	7			5	42.0	3	2	
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						4	33.6	2	1	1
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	13.2	2			3	25.2	3		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	6.6	1			2	16.8	1		1
All other diseases (Residual)	12	78.9	11	1		12	100.8	11		1
Motor vehicle accidents (E810-E825)	1	6.6	1			1	8.4			1
All other accidents and adverse effects (E800-E807, E826-E949)	6	39.5	5		1	3	25.2	3		
Suicide (E950-E959)	3	19.7	3			4	33.6	4		
Homicide and legal intervention (E960-E978)						1	8.4	1		
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	LATIMER					LEFLORE				
POPULATION	10,900					45,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	150	1376.1	109	3	38	568	1251.1	483	6	79
Physician in hospital	138	92.0	109	3	26	549	96.7	480	6	63
Physician not in hospital										
Midwife, other, or unknown	12	8.0			12	19	3.3	3		16
Stillbirths						3	5.3	1		2
Physician in hospital						3	100.0	1		2
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	100	917.4	89	4	7	444	978.0	418	8	18
Deaths under 1 year						9	15.8	7	1	1
Deaths under 1 month						8	14.1	6	1	1
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	9.2	1			6	13.2	4	1	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	17	156.0	17			91	200.4	87	3	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	36.7	4			24	52.9	23	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	36.7	4			35	77.1	34	1	
Malignant neoplasm of breast (174-175)						3	6.6	3		
Malignant neoplasm of genital organs (179-187)	1	9.2	1			8	17.6	7	1	
Malignant neoplasm of urinary organs (188-189)	1	9.2	1			3	6.6	3		
Leukemia (204-208)						3	6.6	3		
Other malignant neoplasms (140-149, 170-173, 190-203)	7	64.2	7			15	33.0	14		1
Diabetes mellitus (250)	5	45.9	4		1	8	17.6	8		
Major cardiovascular diseases (390-448)	50	458.7	42	3	5	220	484.6	204	3	13
Diseases of the heart (390-398, 402, 404-429)	42	385.3	36	2	4	174	383.3	164		10
Rheumatic fever and rheumatic heart disease (390-398)						2	4.4	2		
Hypertensive heart disease with or without renal disease (402,404)	1	9.2	1			1	2.2	1		
Ischemic heart disease (410-414)	27	247.7	25	1	1	131	288.5	124		7
Other heart diseases (415-429)	14	128.4	10	1	3	40	88.1	37		3
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	7	64.2	5	1	1	35	77.1	30	2	3
Arteriosclerosis (440)						6	13.2	5	1	
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	9.2	1			5	11.0	5		
Pneumonia and influenza (480-487)	4	36.7	4			21	46.3	21		
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	45.9	4		1	15	33.0	15		
Ulcer of stomach and duodenum (531-533)						1	2.2	1		
Chronic liver disease and cirrhosis (571)	1	9.2	1			2	4.4	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)						4	8.8	4		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						2	4.4	1		1
Certain conditions originating in the perinatal period (760-779)						6	13.2	5	1	
Symptoms, signs, and ill-defined conditions (780-799)	1	9.2		1		4	8.8	4		
All other diseases (Residual)	11	100.9	11			31	68.3	29		2
Motor vehicle accidents (E810-E825)	2	18.3	2			10	22.0	10		
All other accidents and adverse effects (E800-E807, E826-E949)						9	19.8	9		
Suicide (E950-E959)	1	9.2	1			11	24.2	11		
Homicide and legal intervention (E960-E978)	2	18.3	2			3	6.6	3		
All other external causes (E980-E999)										

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	LINCOLN 29,500					LOGAN 30,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	390	1322.0	346	13	31	400	1333.3	347	43	10
Physician in hospital	380	97.4	337	13	30	387	96.8	335	43	9
Physician not in hospital	1	.3	1							
Midwife, other, or unknown	9	2.3	8		1	13	3.3	12		1
Stillbirths	2	5.1	2			3	7.4	3		
Physician in hospital	2	100.0	2			3	100.0	3		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	270	915.3	249	13	8	280	933.3	248	32	
Deaths under 1 year	4	10.3	3		1	4	10.0	3	1	
Deaths under 1 month	2	5.1	2			2	5.0	1	1	
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	6.8	2			6	20.0	5	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	75	254.2	72	2	1	56	186.7	50	6	
Malignant neoplasm of digestive organs and peritoneum (150-159)	9	30.5	9			7	23.3	6	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	21	71.2	21			22	73.3	21	1	
Malignant neoplasm of breast (174-175)	12	40.7	10	2		7	23.3	6	1	
Malignant neoplasm of genital organs (179-187)	7	23.7	6		1	5	16.7	4	1	
Malignant neoplasm of urinary organs (188-189)	1	3.4	1			5	16.7	5		
Leukemia (204-208)	3	10.2	3							
Other malignant neoplasms (140-149, 170-173, 190-203)	22	74.6	22			10	33.3	8	2	
Diabetes mellitus (250)	6	20.3	3		3	3	10.0	3		
Major cardiovascular diseases (390-448)	121	410.2	113	7	1	135	450.0	123	12	
Diseases of the heart (390-398, 402, 404-429)	96	325.4	89	6	1	99	330.0	93	6	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	2	6.8	1	1						
Ischemic heart disease (410-414)	81	274.6	77	3	1	68	226.7	66	2	
Other heart diseases (415-429)	13	44.1	11	2		31	103.3	27	4	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	17	57.6	17			33	110.0	27	6	
Arteriosclerosis (440)	3	10.2	3			1	3.3	1		
Other diseases of arteries, arterioles, and capillaries (441-448)	5	16.9	4	1		2	6.7	2		
Pneumonia and influenza (480-487)	12	40.7	10	2		18	60.0	15	3	
Chronic obstructive pulmonary disease and allied conditions (490-496)	6	20.3	5		1	9	30.0	8	1	
Ulcer of stomach and duodenum (531-533)	1	3.4	1							
Chronic liver disease and cirrhosis (571)	2	6.8	2			3	10.0	2	1	
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	6.8	2			5	16.7	5		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	3	10.2	3			2	6.7	1	1	
Certain conditions originating in the perinatal period (760-779)						1	3.3	1		
Symptoms, signs, and ill-defined conditions (780-799)	2	6.8	1		1	2	6.7	1	1	
All other diseases (Residual)	24	81.4	22	2		17	56.7	15	2	
Motor vehicle accidents (E810-E825)	6	20.3	6			4	13.3	4		
All other accidents and adverse effects (E800-E807, E826-E949)	5	16.9	4		1	7	23.3	6	1	
Suicide (E950-E959)	2	6.8	2			6	20.0	6		
Homicide and legal intervention (E960-E978)	1	3.4	1			6	20.0	3	3	
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	LOVE					MCCLAIN				
POPULATION	8,000					24,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	100	1250.0	87	6	7	290	1174.1	274	5	11
Physician in hospital	100	100.0	87	6	7	280	96.6	264	5	11
Physician not in hospital						1	.3	1		
Midwife, other, or unknown						9	3.1	9		
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	87	1087.5	83	3	1	193	781.4	189	3	1
Deaths under 1 year	4	40.0	4			1	3.4	1		
Deaths under 1 month	3	30.0	3							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	12.5	1			2	8.1	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	13	162.5	11	1	1	41	166.0	41		
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	50.0	4			7	28.3	7		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	50.0	2	1	1	16	64.8	16		
Malignant neoplasm of breast (174-175)	2	25.0	2			3	12.1	3		
Malignant neoplasm of genital organs (179-187)	1	12.5	1			6	24.3	6		
Malignant neoplasm of urinary organs (188-189)						2	8.1	2		
Leukemia (204-208)						2	8.1	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	2	25.0	2			5	20.2	5		
Diabetes mellitus (250)	3	37.5	3			4	16.2	4		
Major cardiovascular diseases (390-448)	47	587.5	47			82	332.0	79	3	
Diseases of the heart (390-398, 402, 404-429)	43	537.5	43			68	275.3	66	2	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						1	4.0	1		
Ischemic heart disease (410-414)	32	400.0	32			46	186.2	45	1	
Other heart diseases (415-429)	11	137.5	11			21	85.0	20	1	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	50.0	4			11	44.5	10	1	
Arteriosclerosis (440)						2	8.1	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)						1	4.0	1		
Pneumonia and influenza (480-487)	5	62.5	3	2		8	32.4	8		
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	12.5	1			10	40.5	9		1
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						2	8.1	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)						1	4.0	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	12.5	1			1	4.0	1		
Certain conditions originating in the perinatal period (760-779)	2	25.0	2							
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	7	87.5	7			24	97.2	24		
Motor vehicle accidents (E810-E825)	4	50.0	4			7	28.3	7		
All other accidents and adverse effects (E800-E807, E826-E949)	1	12.5	1			9	36.4	9		
Suicide (E950-E959)	2	25.0	2			1	4.0	1		
Homicide and legal intervention (E960-E978)						1	4.0	1		
All other external causes (E980-E999)						1	4.0	1		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	MCCURTAIN 36,600					MCINTOSH 17,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	540	1475.4	328	74	138	211	1205.7	132	21	58
Physician in hospital	502	93.0	322	73	107	207	98.1	131	21	55
Physician not in hospital						1	.5	1		
Midwife, other, or unknown	38	7.0	6	1	31	3	1.4			3
Stillbirths	8	14.6	6	2		3	14.0	2	1	
Physician in hospital	7	87.5	5	2		3	100.0	2	1	
Physician not in hospital	1	12.5	1							
Midwife, other, or unknown										
Total deaths, all causes	349	953.6	286	41	22	253	1445.7	213	18	22
Deaths under 1 year	5	9.3	3	1	1	1	4.7	1		
Deaths under 1 month	4	7.4	3		1	1	4.7	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	8.2	2	1		6	34.3	5		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	75	204.9	64	10	1	69	394.3	60	2	7
Malignant neoplasm of digestive organs and peritoneum (150-159)	16	43.7	14	2		14	80.0	9	2	3
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	26	71.0	24	2		20	114.3	19		1
Malignant neoplasm of breast (174-175)	3	8.2		3		6	34.3	5		1
Malignant neoplasm of genital organs (179-187)	10	27.3	8	1	1	8	45.7	8		
Malignant neoplasm of urinary organs (188-189)	1	2.7	1			3	17.1	2		1
Leukemia (204-208)	2	5.5	1	1		2	11.4	1		1
Other malignant neoplasms (140-149, 170-173, 190-203)	17	46.4	16	1		16	91.4	16		
Diabetes mellitus (250)	4	10.9	3		1	4	22.9	3	1	
Major cardiovascular diseases (390-448)	161	439.9	134	15	12	124	708.6	100	12	12
Diseases of the heart (390-398, 402, 404-429)	130	355.2	105	15	10	105	500.0	84	11	10
Rheumatic fever and rheumatic heart disease (390-398)	2	5.5	2							
Hypertensive heart disease with or without renal disease (402,404)						4	22.9	2	2	
Ischemic heart disease (410-414)	97	265.0	84	6	7	57	325.7	48	3	6
Other heart diseases (415-429)	31	84.7	19	9	3	44	251.4	34	6	4
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	29	79.2	27		2	13	74.3	10	1	2
Arteriosclerosis (440)	1	2.7	1			4	22.9	4		
Other diseases of arteries, arterioles, and capillaries (441-448)	1	2.7	1			2	11.4	2		
Pneumonia and influenza (480-487)	10	27.3	9	1		6	34.3	6		
Chronic obstructive pulmonary disease and allied conditions (490-496)	16	43.7	14	1	1	8	45.7	8		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	3	8.2	1		2	2	11.4	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	4	10.9	4			3	17.1	2		1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	5.5	2			2	11.4	2		
Certain conditions originating in the perinatal period (760-779)	3	8.2	2		1					
Symptoms, signs, and ill-defined conditions (780-799)	2	5.5		1	1					
All other diseases (Residual)	21	57.4	16	5		13	74.3	10	2	1
Motor vehicle accidents (E810-E825)	19	51.9	15	2	2	6	34.3	6		
All other accidents and adverse effects (E800-E807, E826-E949)	11	30.1	9	1	1	4	22.9	3	1	
Suicide (E950-E959)	3	8.2	3			5	28.6	5		
Homicide and legal intervention (E960-E978)	10	27.3	6	4		1	5.7	1		
All other external causes (E980-E999)	2	5.5	2							

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	MAJOR					MARSHALL				
POPULATION	8,800					11,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	93	1056.8	93			120	1025.6	93	5	22
Physician in hospital	90	96.8	90			120	100.0	93	5	22
Physician not in hospital										
Midwife, other, or unknown	3	3.2	3							
Stillbirths	1	10.6	1			2	16.4	1		1
Physician in hospital	1	100.0	1			2	100.0	1		1
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	87	988.6	87			129	1102.6	118	3	8
Deaths under 1 year	2	21.5	2			1	8.3	1		
Deaths under 1 month	1	10.8	1							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						1	8.5	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	17	193.2	17			28	239.3	27		1
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	22.7	2			7	59.8	7		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	11	125.0	11			8	68.4	8		
Malignant neoplasm of breast (174-175)	1	11.4	1			2	17.1	2		
Malignant neoplasm of genital organs (179-187)	1	11.4	1			3	25.6	3		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)						1	8.5			1
Other malignant neoplasms (140-149, 170-173, 190-203)	2	22.7	2			7	59.8	7		
Diabetes mellitus (250)	5	56.8	5			4	34.2	2	1	1
Major cardiovascular diseases (390-448)	43	488.6	43			61	521.4	56	1	4
Diseases of the heart (390-398, 402, 404-429)	30	340.9	30			55	470.1	51	1	3
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	11.4	1			2	17.1	2		
Ischemic heart disease (410-414)	21	238.6	21			39	333.3	35	1	3
Other heart diseases (415-429)	8	90.9	8			14	119.7	14		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	7	79.5	7			4	34.2	3		1
Arteriosclerosis (440)	4	45.5	4			1	8.5	1		
Other diseases of arteries, arterioles, and capillaries (441-448)	2	22.7	2			1	8.5	1		
Pneumonia and influenza (480-487)	4	45.5	4			5	42.7	5		
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	22.7	2			5	42.7	5		
Ulcer of stomach and duodenum (531-533)						1	8.5	1		
Chronic liver disease and cirrhosis (571)	1	11.4	1			2	17.1	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	22.7	2			2	17.1	1	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	11.4	1							
Certain conditions originating in the perinatal period (760-779)	1	11.4	1							
Symptoms, signs, and ill-defined conditions (780-799)						1	8.5	1		
All other diseases (Residual)	6	68.2	6			8	68.4	8		
Motor vehicle accidents (E810-E825)	3	34.1	3			7	59.8	5		2
All other accidents and adverse effects (E800-E807, E826-E949)						3	25.6	3		
Suicide (E950-E959)	2	22.7	2							
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)						1	8.5	1		

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	MAYES 35,100					MURRAY 12,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	464	1321.9	292		172	143	1126.0	123	4	16
Physician in hospital	439	94.6	290		149	143	100.0	123	4	16
Physician not in hospital	1	.2	1							
Midwife, other, or unknown	24	5.2	1		23					
Stillbirths	6	12.8	4		2					
Physician in hospital	5	83.3	3		2					
Physician not in hospital	1	16.7	1							
Midwife, other, or unknown										
Total deaths, all causes	374	1065.5	343	2	29	146	1149.6	144	2	
Deaths under 1 year	5	10.8	4		1					
Deaths under 1 month	1	2.2	1							
Tuberculosis (010-018)	4	11.4	3		1					
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	8.5	2		1	1	7.9	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	94	267.8	88	1	5	26	204.7	25	1	
Malignant neoplasm of digestive organs and peritoneum (150-159)	19	54.1	18	1		4	31.5	4		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	35	99.7	34		1	9	70.9	9		
Malignant neoplasm of breast (174-175)	6	17.1	5		1	3	23.6	2	1	
Malignant neoplasm of genital organs (179-187)	10	28.5	9		1					
Malignant neoplasm of urinary organs (188-189)						1	7.9	1		
Leukemia (204-208)	1	2.8	1			1	7.9	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	23	65.5	21		2	8	63.0	8		
Diabetes mellitus (250)	4	11.4	2		2					
Major cardiovascular diseases (390-448)	171	487.2	163		8	78	614.2	77	1	
Diseases of the heart (390-398, 402, 404-429)	130	370.4	124		6	66	519.7	65	1	
Rheumatic fever and rheumatic heart disease (390-398)	2	5.7	2			1	7.9	1		
Hypertensive heart disease with or without renal disease (402,404)						1	7.9	1		
Ischemic heart disease (410-414)	101	287.7	97		4	40	315.0	39	1	
Other heart diseases (415-429)	27	76.9	25		2	24	189.0	24		
Hypertension with or without renal disease (401,403)						2	15.7	2		
Cerebrovascular disease (430-438)	36	102.6	34		2	8	63.0	8		
Arteriosclerosis (440)	2	5.7	2			2	15.7	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	8.5	3							
Pneumonia and influenza (480-487)	13	37.0	12	1		7	55.1	7		
Chronic obstructive pulmonary disease and allied conditions (490-496)	15	42.7	15			5	39.4	5		
Ulcer of stomach and duodenum (531-533)	1	2.8	1							
Chronic liver disease and cirrhosis (571)	4	11.4	3		1	2	15.7	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	7	19.9	6		1	2	15.7	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	5.7	2							
Certain conditions originating in the perinatal period (760-779)	1	2.8	1							
Symptoms, signs, and ill-defined conditions (780-799)	2	5.7	1		1					
All other diseases (Residual)	30	85.5	25		5	11	86.6	11		
Motor vehicle accidents (E810-E825)	7	19.9	5		2	8	63.0	8		
All other accidents and adverse effects (E800-E807, E826-E949)	10	28.5	9		1	2	15.7	2		
Suicide (E950-E959)	3	8.5	3			1	7.9	1		
Homicide and legal intervention (E960-E978)	3	8.5	2		1	2	15.7	2		
All other external causes (E980-E999)						1	7.9	1		

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	MUSKOGEE					NOBLE				
POPULATION	70,200					11,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	990	1410.3	640	150	190	156	1333.3	133	7	16
Physician in hospital............................	977	98.7	637	15[illegible]	181	156	100.0	133	7	16
Physician not in hospital.......................	2	.2	2							
Midwife, other, or unknown......................	11	1.1	1	1	9					
Stillbirths..	14	13.9	7	5	2	1	6.4	1		
Physician in hospital............................	13	92.9	6	5	2	1	100.0	1		
Physician not in hospital.......................	1	7.1	1							
Midwife, other, or unknown......................										
Total deaths, all causes..........................	755	1075.5	594	134	27	137	1170.9	130	1	6
Deaths under 1 year.............................	9	9.1	6	2	1	1	6.4			1
Deaths under 1 month............................	6	6.1	4	1	1	1	6.4			1
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	13	18.5	10	3						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	165	235.0	134	26	5	28	239.3	28		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	38	54.1	32	5	1	8	68.4	8		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	55	78.3	45	7	3	9	76.9	9		
Malignant neoplasm of breast ....(174-175)	8	11.4	6	1	1	3	25.6	3		
Malignant neoplasm of genital organs ....(179-187)	11	15.7	9	2		2	17.1	2		
Malignant neoplasm of urinary organs .(188-189)	10	14.2	7	3		1	8.5	1		
Leukemia ....(204-208)	8	11.4	7	1		1	8.5	1		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	35	49.9	28	7		4	34.2	4		
Diabetes mellitus ....(250)	22	31.3	16	4	2	1	8.5	1		
Major cardiovascular diseases ....(390-448)	355	505.7	272	72	11	79	675.2	78	1	
Diseases of the heart ....(390-398, 402, 404-429)	282	401.7	213	59	10	58	495.7	57	1	
Rheumatic fever and rheumatic heart disease ....(390-398)	3	4.3	2	1						
Hypertensive heart disease with or without renal disease ....(402,404)	8	11.4	4	4		2	17.1	2		
Ischemic heart disease ....(410-414)	177	252.1	145	25	7	34	290.6	34		
Other heart diseases ....(415-429)	94	133.9	62	29	3	22	188.0	21	1	
Hypertension with or without renal disease ....(401,403)	2	2.8	2							
Cerebrovascular disease ....(430-438)	55	78.3	45	10		14	119.7	14		
Arteriosclerosis ....(440)	8	11.4	7		1	1	8.5	1		
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	8	11.4	5	3		6	51.3	6		
Pneumonia and influenza ....(480-487)	38	54.1	34	3	1	5	42.7	4		1
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	31	44.2	27	4		4	34.2	4		
Ulcer of stomach and duodenum ....(531-533)						1	8.5	1		
Chronic liver disease and cirrhosis ....(571)	8	11.4	6		2	1	8.5	1		
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	9	12.8	8		1	5	42.7	5		
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	5	7.1	3	1	1					
Certain conditions originating in the perinatal period ....(760-779)	3	4.3	1	2						
Symptoms, signs, and ill-defined conditions ....(780-799)	3	4.3	3			1	8.5			1
All other diseases ....(Residual)	58	82.6	48	9	1	6	51.3	5		1
Motor vehicle accidents ....(E810-E825)	10	14.2	6	4		1	8.5			1
All other accidents and adverse effects ....(E800-E807, E826-E949)	14	19.9	13	1		3	25.6	2		1
Suicide ....(E950-E959)	10	14.2	8		2	1	8.5	1		
Homicide and legal intervention ....(E960-E978)	11	15.7	5	5	1	1	8.5			1
All other external causes ....(E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	NOWATA					OKFUSKEE				
POPULATION	10,900					11,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	117	1073.4	82	6	29	170	1478.3	94	15	61
Physician in hospital	113	96.6	82	6	25	167	98.2	93	15	59
Physician not in hospital										
Midwife, other, or unknown	4	3.4			4	3	1.8	1		2
Stillbirths						3	17.3	2	1	
Physician in hospital						3	100.0	2	1	
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	121	1110.1	115	5	1	157	1365.2	119	22	16
Deaths under 1 year	2	17.1	2			3	17.6	1	1	1
Deaths under 1 month	1	8.5	1							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	9.2	1			3	26.1	1	1	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	26	238.5	26			27	234.8	19	6	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	8	73.4	8			5	43.5	3	1	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	11	100.9	11			8	69.6	6	1	1
Malignant neoplasm of breast (174-175)	2	18.3	2			2	17.4	1	1	
Malignant neoplasm of genital organs (179-187)						6	52.2	4	2	
Malignant neoplasm of urinary organs (188-189)	2	18.3	2							
Leukemia (204-208)	1	9.2	1			2	17.4	1	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	2	18.3	2			4	34.8	4		
Diabetes mellitus (250)						2	17.4	2		
Major cardiovascular diseases (390-448)	67	614.7	65	2		105	913.0	89	10	6
Diseases of the heart (390-398, 402, 404-429)	52	477.1	50	2		93	808.7	79	9	5
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						1	8.7		1	
Ischemic heart disease (410-414)	30	275.2	28	2		73	634.8	63	7	3
Other heart diseases (415-429)	22	201.8	22			19	165.2	16	1	2
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	12	110.1	12			10	87.0	8	1	1
Arteriosclerosis (440)	3	27.5	3							
Other diseases of arterioes, arterioles, and capillaries (441-448)						2	17.4	2		
Pneumonia and influenza (480-487)	6	55.0	4	2		1	8.7		1	
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	36.7	4			3	26.1	2		1
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	9.2	1			3	26.1	1	2	
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	18.3	1		1	1	8.7			1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	18.3	2			2	17.4	1	1	
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	4	36.7	4			2	17.4	1		1
All other diseases (Residual)	4	36.7	3	1		3	26.1	2	1	
Motor vehicle accidents (E810-E825)	3	27.5	3			3	26.1	1		2
All other accidents and adverse effects (E800-E807, E826-E949)	1	9.2	1							
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)						2	17.4			2
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	OKLAHOMA					OKMULGEE				
POPULATION	622,800					39,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	10,044	1612.7	7,632	2,014	398	571	1431.1	380	87	104
Physician in hospital	9,771	97.3	7,423	1,962	386	557	97.5	371	87	99
Physician not in hospital	19	.2	15	3	1	1	.2	1		
Midwife, other, or unknown	254	2.5	194	49	11	13	2.3	8		5
Stillbirths	95	9.4	70	24	1	6	10.4	6		
Physician in hospital	94	98.9	70	23	1	5	83.3	5		
Physician not in hospital	1	1.1		1		1	16.7	1		
Midwife, other, or unknown										
Total deaths, all causes	5,211	836.7	4,479	672	60	465	1165.4	385	55	25
Deaths under 1 year	112	11.2	78	30	4	7	12.3	6		1
Deaths under 1 month	68	6.8	47	19	2	4	7.0	4		
Tuberculosis (010-018)	2	.3	2							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	120	19.3	95	23	2	8	20.1	4	4	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1,191	191.2	1,044	135	12	97	243.1	82	10	5
Malignant neoplasm of digestive organs and peritoneum (150-159)	237	38.1	197	37	3	32	80.2	27	3	2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	365	58.6	332	30	3	23	57.6	20	3	
Malignant neoplasm of breast (174-175)	115	18.5	101	13	1	6	15.0	5	1	
Malignant neoplasm of genital organs (179-187)	114	18.3	100	13	1	11	27.6	7	1	3
Malignant neoplasm of urinary organs (188-189)	49	7.9	45	4		2	5.0	2		
Leukemia (204-208)	55	8.8	49	5	1	5	12.5	5		
Other malignant neoplasms (140-149, 170-173, 190-203)	256	41.1	220	33	3	18	45.1	16	2	
Diabetes mellitus (250)	73	11.7	55	15	3	4	10.0	2	1	1
Major cardiovascular diseases (390-448)	2,273	365.0	1,995	259	19	253	634.1	208	31	14
Diseases of the heart (390-398, 402, 404-429)	1,727	277.3	1,517	199	11	208	521.3	173	24	11
Rheumatic fever and rheumatic heart disease (390-398)	9	1.4	8	1						
Hypertensive heart disease with or without renal disease (402,404)	41	6.6	30	10	1	1	2.5	1		
Ischemic heart disease (410-414)	1,076	172.8	958	111	7	169	423.6	145	16	8
Other heart diseases (415-429)	601	96.5	521	77	3	38	95.2	27	8	3
Hypertension with or without renal disease (401,403)	14	2.2	7	7		3	7.5	2	1	
Cerebrovascular disease (430-438)	399	64.1	344	47	8	30	75.2	24	4	2
Arteriosclerosis (440)	87	14.0	83	4		3	7.5	2	1	
Other diseases of arterioes, arterioles, and capillaries (441-448)	46	7.4	44	2		9	22.6	7	1	1
Pneumonia and influenza (480-487)	167	26.8	138	28	1	19	47.6	16	2	1
Chronic obstructive pulmonary disease and allied conditions (490-496)	217	34.8	202	14	1	11	27.6	9	2	
Ulcer of stomach and duodenum (531-533)	21	3.4	18	3						
Chronic liver disease and cirrhosis (571)	67	10.8	53	10	4	1	2.5	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	58	9.3	44	13	1	6	15.0	5		1
Complications of pregnancy, childbirth, and the puerperium (630-676)	1	.2		1						
Congenital anomalies (740-759)	29	4.7	22	6	1	2	5.0	2		
Certain conditions originating in the perinatal period (760-779)	52	8.3	36	16		2	5.0	2		
Symptoms, signs, and ill-defined conditions (780-799)	49	7.9	45	3	1	7	17.5	6		1
All other diseases (Residual)	497	79.8	425	66	6	26	65.2	25	1	
Motor vehicle accidents (E810-E825)	94	15.1	68	22	4	13	32.6	11	2	
All other accidents and adverse effects (E800-E807, E826-E949)	108	17.3	85	22	1	7	17.5	4	1	2
Suicide (E950-E959)	107	17.2	99	5	3	7	17.5	7		
Homicide and legal intervention (E960-E978)	73	11.7	44	28	1	1	2.5	1		
All other external causes (E980-E999)	12	1.9	9	3		1	2.5		1	

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	OSAGE 40,400					OTTAWA 32,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	485	1200.5	361	31	93	387	1176.3	276	1	110
Physician in hospital	478	98.6	358	31	89	382	98.7	276	1	105
Physician not in hospital										
Midwife, other, or unknown	7	1.4	3		4	5	1.3			5
Stillbirths	4	8.2	3		1	3	7.7	3		
Physician in hospital	4	100.0	3		1	3	100.0	3		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	292	722.8	256	10	26	376	1142.9	348		28
Deaths under 1 year	1	2.1	1			5	12.9	5		
Deaths under 1 month	1	2.1	1			3	7.8	3		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	2.5	1			5	15.2	5		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	52	128.7	47	3	2	81	246.2	73		8
Malignant neoplasm of digestive organs and peritoneum (150-159)	12	29.7	11	1		21	63.8	16		5
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	19	47.0	17	1	1	17	51.7	17		
Malignant neoplasm of breast (174-175)	6	14.9	5	1		5	15.2	4		1
Malignant neoplasm of genital organs (179-187)	6	14.9	5		1	11	33.4	10		1
Malignant neoplasm of urinary organs (188-189)	1	2.5	1			6	18.2	5		1
Leukemia (204-208)	1	2.5	1			3	9.1	3		
Other malignant neoplasms (140-149, 170-173, 190-203)	7	17.3	7			18	54.7	18		
Diabetes mellitus (250)	5	12.4	3	1	1	9	27.4	8		1
Major cardiovascular diseases (390-448)	165	408.4	142	4	19	171	519.8	160		11
Diseases of the heart (390-398, 402, 404-429)	132	326.7	114	3	15	131	398.2	124		7
Rheumatic fever and rheumatic heart disease (390-398)						1	3.0	1		
Hypertensive heart disease with or without renal disease (402,404)	3	7.4	3			4	12.2	4		
Ischemic heart disease (410-414)	87	215.3	74	3	10	98	297.9	92		6
Other heart diseases (415-429)	42	104.0	37		5	28	85.1	27		1
Hypertension with or without renal disease (401,403)	4	9.9	4			1	3.0	1		
Cerebrovascular disease (430-438)	23	56.9	20		3	30	91.2	27		3
Arteriosclerosis (440)	4	9.9	2	1	1	5	15.2	4		1
Other diseases of arterioes, arterioles, and capillaries (441-448)	2	5.0	2			4	12.2	4		
Pneumonia and influenza (480-487)	7	17.3	7			12	36.5	11		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	14	34.7	13		1	14	42.6	13		1
Ulcer of stomach and duodenum (531-533)	2	5.0	2			2	6.1	2		
Chronic liver disease and cirrhosis (571)						2	6.1	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	6	14.9	5		1	4	12.2	3		1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						3	9.1	3		
Certain conditions originating in the perinatal period (760-779)	1	2.5	1			2	6.1	2		
Symptoms, signs, and ill-defined conditions (780-799)	1	2.5	1			1	3.0	1		
All other diseases (Residual)	18	44.6	17		1	31	94.2	29		2
Motor vehicle accidents (E810-E825)	2	5.0	2			13	39.5	12		1
All other accidents and adverse effects (E800-E807, E826-E949)	5	12.4	5			9	27.4	9		
Suicide (E950-E959)	10	24.8	9	1		13	39.5	12		1
Homicide and legal intervention (E960-E978)	3	7.4	1	1	1	2	6.1	2		
All other external causes (E980-E999)						2	6.1	1		1

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	PAWNEE 16,800 NUMBER	RATE	WHITE	BLACK	INDIAN	PAYNE 64,100 NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	232	1381.0	192	5	35	754	1176.3	684	37	33
Physician in hospital	228	98.3	189	5	34	731	96.9	664	35	32
Physician not in hospital						1	.1		1	
Midwife, other, or unknown	4	1.7	3		1	22	2.9	20	1	1
Stillbirths	1	4.3	1			1	1.3	1		
Physician in hospital	1	100.0	1			1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	164	976.2	152	3	9	466	727.0	447	14	5
Deaths under 1 year	2	8.6	2			5	6.6	5		
Deaths under 1 month	1	4.3	1			4	5.3	4		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	17.9	3			4	6.2	4		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	44	261.9	41	1	2	105	163.8	99	5	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	12	71.4	10	1	1	25	39.0	24	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	15	89.3	15			37	57.7	34	3	
Malignant neoplasm of breast (174-175)	4	23.8	4			10	15.6	9		1
Malignant neoplasm of genital organs (179-187)	4	23.8	3		1	8	12.5	8		
Malignant neoplasm of urinary organs (188-189)	2	11.9	2			4	6.2	4		
Leukemia (204-208)	3	17.9	3			4	6.2	4		
Other malignant neoplasms (140-149, 170-173, 190-203)	4	23.8	4			17	26.5	16	1	
Diabetes mellitus (250)	1	6.0	1			5	7.8	4	1	
Major cardiovascular diseases (390-448)	71	422.6	66	2	3	235	366.6	226	6	3
Diseases of the heart (390-398, 402, 404-429)	52	309.5	49	1	2	166	259.0	161	2	3
Rheumatic fever and rheumatic heart disease (390-398)	1	6.0	1			2	3.1	2		
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	39	232.1	36	1	2	127	198.1	122	2	3
Other heart diseases (415-429)	12	71.4	12			37	57.7	37		
Hypertension with or without renal disease (401,403)						1	1.6		1	
Cerebrovascular disease (430-438)	11	65.5	10	1		55	85.8	53	2	
Arteriosclerosis (440)	4	23.8	4			3	4.7	3		
Other diseases of arterioes, arterioles, and capillaries (441-448)	4	23.8	3		1	10	15.6	9	1	
Pneumonia and influenza (480-487)	6	35.7	6			18	28.1	18		
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	29.8	4		1	13	20.3	13		
Ulcer of stomach and duodenum (531-533)	2	11.9	2			3	4.7	3		
Chronic liver disease and cirrhosis (571)						3	4.7	3		
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	6.0	1			9	14.0	9		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						2	3.1	2		
Certain conditions originating in the perinatal period (760-779)	2	11.9	2			2	3.1	2		
Symptoms, signs, and ill-defined conditions (780-799)	1	6.0	1			2	3.1	2		
All other diseases (Residual)	16	95.2	15		1	32	49.9	30	1	1
Motor vehicle accidents (E810-E825)	5	29.8	3		2	12	18.7	11	1	
All other accidents and adverse effects (E800-E807, E826-E949)	2	11.9	2			6	9.4	6		
Suicide (E950-E959)	4	23.8	4			9	14.0	9		
Homicide and legal intervention (E960-E978)	1	6.0	1			6	9.4	6		
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	PITTSBURG 43,500					PONTOTOC 34,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	484	1112.6	402	18	64	467	1342.0	373	18	76
Physician in hospital	477	98.6	399	18	60	465	99.6	371	18	76
Physician not in hospital						1	.2	1		
Midwife, other, or unknown	7	1.4	3		4	1	.2	1		
Stillbirths	2	4.1	1		1	2	4.3	2		
Physician in hospital	2	100.0	1		1	1	50.0	1		
Physician not is hospital										
Midwife, other, or unknown						1	50.0	1		
Total deaths, all causes	466	1071.3	425	16	25	385	1106.3	355	7	23
Deaths under 1 year	5	10.3	3	1	1	5	10.7	2		3
Deaths under 1 month	2	4.1	1	1		4	8.6	2		2
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	4	9.2	3		1	1	2.9			1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	109	250.6	104	1	4	84	241.4	77	1	6
Malignant neoplasm of digestive organs and peritoneum (150-159)	18	41.4	16		2	17	48.9	15	1	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	45	103.4	43		2	26	74.7	23		3
Malignant neoplasm of breast (174-175)	4	9.2	4			5	14.4	5		
Malignant neoplasm of genital organs (179-187)	7	16.1	7			13	37.4	13		
Malignant neoplasm of urinary organs (188-189)	6	13.8	6			3	8.6	3		
Leukemia (204-208)	6	13.8	6			3	8.6	3		
Other malignant neoplasms (140-149, 170-173, 190-203)	23	52.9	22	1		17	48.9	15		2
Diabetes mellitus (250)	6	13.8	6			3	8.6	3		
Major cardiovascular diseases (390-448)	215	494.3	198	8	9	191	548.9	184	3	4
Diseases of the heart (390-398, 402, 404-429)	169	388.5	156	5	8	128	367.8	122	2	4
Rheumatic fever and rheumatic heart disease (390-398)	1	2.3	1			1	2.9	1		
Hypertensive heart disease with or without renal disease (402,404)	6	13.8	5		1					
Ischemic heart disease (410-414)	111	255.2	100	5	6	90	258.6	87	1	2
Other heart diseases (415-429)	51	117.2	50		1	37	106.3	34	1	2
Hypertension with or without renal disease (401,403)	1	2.3	1							
Cerebrovascular disease (430-438)	33	75.9	30	3		57	163.8	56	1	
Arteriosclerosis (440)	9	20.7	8		1	3	8.6	3		
Other diseases of arteries, arterioles, and capillaries (441-448)	3	6.9	3			3	8.6	3		
Pneumonia and influenza (480-487)	26	59.8	23		3	20	57.5	16	1	3
Chronic obstructive pulmonary disease and allied conditions (490-496)	19	43.7	16	2	1	19	54.6	19		
Ulcer of stomach and duodenum (531-533)						1	2.9	1		
Chronic liver disease and cirrhosis (571)	4	9.2	2	2		6	17.2	2	1	3
Nephritis, nephrotic syndrome and nephrosis (580-589)	7	16.1	7			7	20.1	5	1	1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	4.6	2			1	2.9			1
Certain conditions originating in the perinatal period (760-779)	2	4.6	1	1		3	8.6	2		1
Symptoms, signs, and ill-defined conditions (780-799)	1	2.3			1	3	8.6	1		2
All other diseases (Residual)	36	82.8	34		2	32	92.0	31		1
Motor vehicle accidents (E810-E825)	16	36.8	13	1	2	2	5.7	2		
All other accidents and adverse effects (E800-E807, E826-E949)	10	23.0	9		1	7	20.1	7		
Suicide (E950-E959)	7	16.1	6		1	4	11.5	4		
Homicide and legal intervention (E960-E978)	1	2.3	1			1	2.9	1		
All other external causes (E980-E999)	1	2.3		1						

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	POTTAWATOMIE 60,600					PUSHMATAHA 12,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	830	1369.6	663	27	140	148	1233.3	112	3	33
Physician in hospital	820	98.8	653	27	140	142	95.9	111	3	28
Physician not in hospital										
Midwife, other, or unknown	10	1.2	10			6	4.1	1		5
Stillbirths	6	7.2	6							
Physician in hospital	6	100.0	6							
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	597	985.1	558	13	26	129	1075.0	120	2	7
Deaths under 1 year	11	13.3	8	2	1	1	6.8	1		
Deaths under 1 month	4	4.8	4			1	6.8	1		
Tuberculosis (010-018)	1	1.7			1					
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	5	8.3	5							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	131	216.2	122	4	5	34	283.3	32		2
Malignant neoplasm of digestive organs and peritoneum (150-159)	37	61.1	35	1	1	4	33.3	4		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	39	64.4	37	1	1	17	141.7	15		2
Malignant neoplasm of breast (174-175)	7	11.6	7							
Malignant neoplasm of genital organs (179-187)	13	21.5	11	1	1	3	25.0	3		
Malignant neoplasm of urinary organs (188-189)	7	11.6	6		1	2	16.7	2		
Leukemia (204-208)	6	9.9	5		1	2	16.7	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	22	36.3	21	1		6	50.0	6		
Diabetes mellitus (250)	8	13.2	7		1	3	25.0	3		
Major cardiovascular diseases (390-448)	277	457.1	262	5	10	60	500.0	54	2	4
Diseases of the heart (390-398, 402, 404-429)	219	361.4	205	5	9	46	383.3	41	1	4
Rheumatic fever and rheumatic heart disease (390-398)	3	5.0	3			2	16.7	2		
Hypertensive heart disease with or without renal disease (402,404)	2	3.3	2							
Ischemic heart disease (410-414)	174	287.1	164	3	7	24	200.0	21		3
Other heart diseases (415-429)	40	66.0	36	2	2	20	166.7	18	1	1
Hypertension with or without renal disease (401,403)	2	3.3	2							
Cerebrovascular disease (430-438)	47	77.6	46		1	10	83.3	9	1	
Arteriosclerosis (440)	1	1.7	1			2	16.7	2		
Other diseases of arteries, arterioles, and capillaries (441-448)	8	13.2	8			2	16.7	2		
Pneumonia and influenza (480-487)	52	85.8	50	1	1	6	50.0	6		
Chronic obstructive pulmonary disease and allied conditions (490-496)	26	42.9	24		2	10	83.3	10		
Ulcer of stomach and duodenum (531-533)	1	1.7	1							
Chronic liver disease and cirrhosis (571)	1	1.7	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)	6	9.9	6			3	25.0	3		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	3.3	2			1	8.3	1		
Certain conditions originating in the perinatal period (760-779)	5	8.3	4	1						
Symptoms, signs, and ill-defined conditions (780-799)	5	8.3	4		1	1	8.3	1		
All other diseases (Residual)	40	66.0	36	1	3	6	50.0	6		
Motor vehicle accidents (E810-E825)	12	19.8	11		1	2	16.7	1		1
All other accidents and adverse effects (E800-E807, E826-E949)	17	28.1	16		1					
Suicide (E950-E959)	7	11.6	7			1	8.3	1		
Homicide and legal intervention (E960-E978)	1	1.7		1		2	16.7	2		
All other external causes (E980-E999)										

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	ROGER MILLS					ROGERS				
POPULATION	5,400					55,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	55	1018.5	49		6	776	1388.2	610	7	159
Physician in hospital	54	98.2	49		5	731	94.2	595	7	129
Physician not in hospital						2	.3	2		
Midwife, other, or unknown	1	1.8			1	43	5.5	13		30
Stillbirths						9	11.5	5		4
Physician in hospital						8	88.9	4		4
Physician not in hospital						1	11.1	1		
Midwife, other, or unknown										
Total deaths, all causes	49	907.4	46		3	376	672.6	347	3	26
Deaths under 1 year	1	18.2	1			9	11.6	8		1
Deaths under 1 month	1	18.2	1			6	7.7	5		1
Tuberculosis (010-018)						1	1.8	1		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						2	3.6	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	10	185.2	10			91	162.8	86		5
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	37.0	2			23	41.1	22		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	74.1	4			28	50.1	26		2
Malignant neoplasm of breast (174-175)	1	18.5	1			6	10.7	6		
Malignant neoplasm of genital organs (179-187)	2	37.0	2			5	8.9	5		
Malignant neoplasm of urinary organs (188-189)	1	18.5	1			7	12.5	7		
Leukemia (204-208)						5	8.9	4		1
Other malignant neoplasms (140-149, 170-173, 190-203)						17	30.4	16		1
Diabetes mellitus (250)						5	8.9	3		2
Major cardiovascular diseases (390-448)	24	444.4	23		1	172	307.7	159	2	11
Diseases of the heart (390-398, 402, 404-429)	19	351.9	18		1	132	236.1	121	1	10
Rheumatic fever and rheumatic heart disease (390-398)						1	1.8	1		
Hypertensive heart disease with or without renal disease (402,404)	1	18.5	1			2	3.6	2		
Ischemic heart disease (410-414)	16	296.3	16			99	177.1	93		6
Other heart diseases (415-429)	2	37.0	1		1	30	53.7	25	1	4
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	3	55.6	3			32	57.2	31		1
Arteriosclerosis (440)	1	18.5	1			3	5.4	2	1	
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	18.5	1			5	8.9	5		
Pneumonia and influenza (480-487)	5	92.6	4		1	11	19.7	10		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	37.0	2			10	17.9	9		1
Ulcer of stomach and duodenum (531-533)						2	3.6	1		1
Chronic liver disease and cirrhosis (571)						1	1.8	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)						6	10.7	6		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						3	5.4	3		
Certain conditions originating in the perinatal period (760-779)	1	18.5	1			6	10.7	5		1
Symptoms, signs, and ill-defined conditions (780-799)	1	18.5	1			2	3.6	2		
All other diseases (Residual)	3	55.6	3			23	41.1	20	1	2
Motor vehicle accidents (E810-E825)	1	18.5	1			9	16.1	9		
All other accidents and adverse effects (E800-E807, E826-E949)	1	18.5	1			14	25.0	12		2
Suicide (E950-E959)						16	28.6	16		
Homicide and legal intervention (E960-E978)						2	3.6	2		
All other external causes (E980-E999)	1	18.5			1					

TABLE V
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	SEMINOLE 28,000					SEQUOYAH 35,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	373	1332.1	212	46	115	501	1415.3	336	15	150
Physician in hospital	370	99.2	210	46	114	480	95.8	328	15	137
Physician not in hospital						3	.6	3		
Midwife, other, or unknown	3	.8	2		1	18	3.6	5		13
Stillbirths	3	8.0	3			1	2.0	1		
Physician in hospital	3	100.0	3			1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	320	1142.9	259	29	32	327	923.7	282	14	31
Deaths under 1 year	4	10.7	3	1		7	14.0	7		
Deaths under 1 month	1	2.7		1		3	6.0	3		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	10	35.7	7	2	1	5	14.1	4		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	68	242.9	56	9	3	54	152.5	47	2	5
Malignant neoplasm of digestive organs and peritoneum (150-159)	20	71.4	16	4		8	22.6	6		2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	16	57.1	15		1	19	53.7	19		
Malignant neoplasm of breast (174-175)	2	7.1	2			2	5.6	1	1	
Malignant neoplasm of genital organs (179-187)	9	32.1	7	1	1	7	19.8	6		1
Malignant neoplasm of urinary organs (188-189)	3	10.7	1	2		2	5.6	1		1
Leukemia (204-208)	3	10.7	2	1		1	2.8	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	15	53.6	13	1	1	15	42.4	13	1	1
Diabetes mellitus (250)	7	25.0	3		4	4	11.3	3		1
Major cardiovascular diseases (390-448)	156	557.1	131	10	15	180	508.5	156	9	15
Diseases of the heart (390-398, 402, 404-429)	123	439.3	103	9	11	139	392.7	120	8	11
Rheumatic fever and rheumatic heart disease (390-398)	1	3.6	1			1	2.8	1		
Hypertensive heart disease with or without renal disease (402,404)	2	7.1	2			1	2.8	1		
Ischemic heart disease (410-414)	97	346.4	80	6	11	111	313.6	93	7	11
Other heart diseases (415-429)	23	82.1	20	3		26	73.4	25	1	
Hypertension with or without renal disease (401,403)	2	7.1	1		1					
Cerebrovascular disease (430-438)	27	96.4	23	1	3	35	98.9	31	1	3
Arteriosclerosis (440)	1	3.6	1			2	5.6	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	10.7	3			4	11.3	3		1
Pneumonia and influenza (480-487)	12	42.9	11	1		12	33.9	12		
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	17.9	5			9	25.4	9		
Ulcer of stomach and duodenum (531-533)						1	2.8	1		
Chronic liver disease and cirrhosis (571)	1	3.6	1			2	5.6	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	19	67.9	16	1	2	3	8.5	3		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	3.6	1							
Certain conditions originating in the perinatal period (760-779)						3	8.5	3		
Symptoms, signs, and ill-defined conditions (780-799)	3	10.7	2	1		9	25.4	7		2
All other diseases (Residual)	19	67.9	15	3	1	22	62.1	18	1	3
Motor vehicle accidents (E810-E825)	5	17.9	3	1	1	12	33.9	11	1	
All other accidents and adverse effects (E800-E807, E826-E949)	7	25.0	2	1	4	10	28.2	6	1	3
Suicide (E950-E959)	3	10.7	3			1	2.8			1
Homicide and legal intervention (E960-E978)	3	10.7	3							
All other external causes (E980-E999)	1	3.6			1					

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	STEPHENS					TEXAS				
POPULATION	42,600					17,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births...	497	1166.7	452	22	23	247	1403.4	243		4
Physician in hospital..........................	493	99.2	448	22	23	247	100.0	243		4
Physician not in hospital......................	2	.4	2							
Midwife, other, or unknown.....................	2	.4	2							
Stillbirths...	6	11.9	5		1	7	27.6	7		
Physician in hospital..........................	6	100.0	5		1	7	100.0	7		
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes...........................	467	1096.2	449	12	6	144	818.2	143		1
Deaths under 1 year............................	4	8.0	4			5	20.2	5		
Deaths under 1 month...........................	2	4.0	2			2	8.1	2		
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	5	11.7	4	1		2	11.4	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	114	267.6	111	1	2	20	113.6	20		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	25	58.7	22	1	2	2	11.4	2		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	36	84.5	36			5	28.4	5		
Malignant neoplasm of breast ....(174-175)	10	23.5	10			3	17.0	3		
Malignant neoplasm of genital organs ....(179-187)	13	30.5	13			3	17.0	3		
Malignant neoplasm of urinary organs .(188-189)	5	11.7	5			1	5.7	1		
Leukemia ....(204-208)	5	11.7	5							
Other malignant neoplasms ....(140-149, 170-173, 190-203)	20	46.9	20			6	34.1	6		
Diabetes mellitus ....(250)	3	7.0	3			3	17.0	3		
Major cardiovascular diseases ....(390-448)	224	525.8	217	6	1	73	414.8	72		1
Diseases of the heart ....(390-398, 402, 404-429)	172	403.8	165	6	1	59	335.2	58		1
Rheumatic fever and rheumatic heart disease ....(390-398)	1	2.3	1			2	11.4	2		
Hypertensive heart disease with or without renal disease ....(402,404)	3	7.0	3							
Ischemic heart disease ....(410-414)	129	302.8	123	5	1	39	221.6	38		1
Other heart diseases ....(415-429)	39	91.5	38	1		18	102.3	18		
Hypertension with or without renal disease ....(401,403)	1	2.3	1							
Cerebrovascular disease ....(430-438)	38	89.2	38			12	68.2	12		
Arteriosclerosis ....(440)	9	21.1	9			2	11.4	2		
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	4	9.4	4							
Pneumonia and influenza ....(480-487)	23	54.0	22		1	6	34.1	6		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	16	37.6	16			7	39.8	7		
Ulcer of stomach and duodenum ....(531-533)	1	2.3	1							
Chronic liver disease and cirrhosis ....(571)	3	7.0	3							
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	7	16.4	6		1	2	11.4	2		
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	1	2.3	1			1	5.7	1		
Certain conditions originating in the perinatal period ....(760-779)	2	4.7	2			2	11.4	2		
Symptoms, signs, and ill-defined conditions ....(780-799)	5	11.7	5							
All other diseases ....(Residual)	35	82.2	33	1	1	14	79.5	14		
Motor vehicle accidents ....(E810-E825)	6	14.1	5	1		6	34.1	6		
All other accidents and adverse effects ....(E800-E807, E826-E949)	13	30.5	11	2		4	22.7	4		
Suicide ....(E950-E959)	8	18.8	8			3	17.0	3		
Homicide and legal intervention ....(E960-E978)	1	2.3	1			1	5.7	1		
All other external causes ....(E980-E999)										

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	TILLMAN					TULSA				
POPULATION	11,200					518,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	171	1526.8	129	25	17	8,417	1623.6	6,647	1,073	697
Physician in hospital	171	100.0	129	25	17	8,202	97.4	6,525	1,054	623
Physician not in hospital						4		1	3	
Midwife, other, or unknown						211	2.5	121	16	74
Stillbirths	1	5.8	1			65	7.7	46	16	3
Physician in hospital	1	100.0	1			64	98.5	45	16	3
Physician not in hospital						1	1.5	1		
Midwife, other, or unknown										
Total deaths, all causes	168	1500.0	149	17	2	3,996	770.8	3,524	404	68
Deaths under 1 year	2	11.7	2			76	9.0	58	17	1
Deaths under 1 month	1	5.8	1			43	5.1	31	11	1
Tuberculosis (010-018)						1	.2	1		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						55	10.6	40	13	2
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	27	241.1	24	3		873	168.4	762	102	9
Malignant neoplasm of digestive organs and peritoneum (150-159)	9	80.4	8	1		174	33.6	152	22	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	7	62.5	6	1		283	54.6	250	31	2
Malignant neoplasm of breast (174-175)	2	17.9	1	1		80	15.4	72	5	3
Malignant neoplasm of genital organs (179-187)	2	17.9	2			88	17.0	70	18	
Malignant neoplasm of urinary organs (188-189)	1	8.9	1			35	6.8	29	5	1
Leukemia (204-208)						35	6.8	34	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	6	53.6	6			178	34.3	155	20	3
Diabetes mellitus (250)	5	44.6	2	3		51	9.8	40	9	2
Major cardiovascular diseases (390-448)	80	714.3	74	4	2	1,901	366.7	1,708	165	28
Diseases of the heart (390-398, 402, 404-429)	59	526.8	55	3	1	1,467	283.0	1,325	118	24
Rheumatic fever and rheumatic heart disease (390-398)	1	8.9	1			12	2.3	11	1	
Hypertensive heart disease with or without renal disease (402,404)	1	8.9	1			37	7.1	30	7	
Ischemic heart disease (410-414)	49	437.5	46	3		1,071	206.6	980	71	20
Other heart diseases (415-429)	8	71.4	7		1	347	66.9	304	39	4
Hypertension with or without renal disease (401,403)	2	17.9	2			13	2.5	10	3	
Cerebrovascular disease (430-438)	14	125.0	12	1	1	320	61.7	287	30	3
Arteriosclerosis (440)	1	8.9	1			50	9.6	41	9	
Other diseases of arterioes, arterioles, and capillaries (441-448)	4	35.7	4			51	9.8	45	5	1
Pneumonia and influenza (480-487)	6	53.6	4	2		123	23.7	117	5	1
Chronic obstructive pulmonary disease and allied conditions (490-496)	9	80.4	8	1		160	30.9	147	12	1
Ulcer of stomach and duodenum (531-533)						9	1.7	7	1	1
Chronic liver disease and cirrhosis (571)	2	17.9	2			33	6.4	30	1	2
Nephritis, nephrotic syndrome and nephrosis (580-589)						30	5.8	24	6	
Complications of pregnancy, childbirth, and the puerperium (630-676)						1	.2		1	
Congenital anomalies (740-759)	1	8.9	1			24	4.6	22	2	
Certain conditions originating in the perinatal period (760-779)	1	8.9	1			27	5.2	18	8	1
Symptoms, signs, and ill-defined conditions (780-799)	1	8.9		1		45	8.7	39	5	1
All other diseases (Residual)	19	169.6	18	1		368	71.0	321	42	5
Motor vehicle accidents (E810-E825)	9	80.4	8	1		91	17.6	79	7	5
All other accidents and adverse effects (E800-E807, E826-E949)	2	17.9	2			79	15.2	65	11	3
Suicide (E950-E959)	3	26.8	3			73	14.1	69	3	1
Homicide and legal intervention (E960-E978)	3	26.8	2	1		47	9.1	32	10	5
All other external causes (E980-E999)						5	1.0	3	1	1

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	WAGONER 51,300					WASHINGTON 42,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	618	1204.7	512	22	84	615	1443.7	527	33	55
Physician in hospital	604	97.7	506	21	77	611	99.3	526	33	52
Physician not in hospital										
Midwife, other, or unknown	14	2.3	6	1	7	4	.7	1		3
Stillbirths	5	8.0	3		2	7	11.3	6	1	
Physician in hospital	5	100.0	3		2	7	100.0	6	1	
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	313	610.1	276	25	12	512	1201.9	478	20	14
Deaths under 1 year	9	14.6	7	2		9	14.6	5	4	
Deaths under 1 month	6	9.7	4	2		3	4.9	1	2	
Tuberculosis (010-018)						1	2.3	1		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	5.8	3			12	28.2	12		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	74	144.2	70	1	3	122	286.4	117	3	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	15	29.2	13		2	25	58.7	25		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	23	44.8	23			37	86.9	36	1	
Malignant neoplasm of breast (174-175)	6	11.7	6			11	25.8	11		
Malignant neoplasm of genital organs (179-187)	5	9.7	4	1		13	30.5	12	1	
Malignant neoplasm of urinary organs (188-189)	3	5.8	3			2	4.7	2		
Leukemia (204-208)	4	7.8	4			8	18.8	8		
Other malignant neoplasms (140-149, 170-173, 190-203)	18	35.1	17		1	26	61.0	23	1	2
Diabetes mellitus (250)	8	15.6	7		1	8	18.8	7	1	
Major cardiovascular diseases (390-448)	140	272.9	119	18	3	216	507.0	202	7	7
Diseases of the heart (390-398, 402, 404-429)	103	200.8	90	10	3	175	410.8	163	6	6
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	1.9		1		8	18.8	7		1
Ischemic heart disease (410-414)	82	159.8	73	6	3	122	286.4	113	4	5
Other heart diseases (415-429)	20	39.0	17	3		45	105.6	43	2	
Hypertension with or without renal disease (401,403)	1	1.9	1			1	2.3	1		
Cerebrovascular disease (430-438)	27	52.6	20	7		29	68.1	27	1	1
Arteriosclerosis (440)	5	9.7	4	1		2	4.7	2		
Other diseases of arteries, arterioles, and capillaries (441-448)	4	7.8	4			9	21.1	9		
Pneumonia and influenza (480-487)	9	17.5	9			19	44.6	19		
Chronic obstructive pulmonary disease and allied conditions (490-496)	9	17.5	8		1	20	46.9	19		1
Ulcer of stomach and duodenum (531-533)	1	1.9	1			1	2.3	1		
Chronic liver disease and cirrhosis (571)	2	3.9	2			3	7.0	3		
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	3.9	1	1		5	11.7	4		1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	5	9.7	4		1	6	14.1	5	1	
Certain conditions originating in the perinatal period (760-779)	3	5.8	1	2		2	4.7		2	
Symptoms, signs, and ill-defined conditions (780-799)	3	5.8	3			6	14.1	6		
All other diseases (Residual)	26	50.7	25		1	59	138.5	51	6	2
Motor vehicle accidents (E810-E825)	15	29.2	13		2	8	18.8	8		
All other accidents and adverse effects (E800-E807, E826-E949)	8	15.6	6	2		13	30.5	13		
Suicide (E950-E959)	2	3.9	2			11	25.8	10		1
Homicide and legal intervention (E960-E978)	3	5.8	2	1						
All other external causes (E980-E999)										

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

	WASHITA					WOODS				
POPULATION	12,600					10,200				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	143	1134.9	139	1	3	131	1284.3	127	2	2
Physician in hospital..........................	136	95.1	132	1	3	130	99.2	126	2	2
Physician not in hospital......................										
Midwife, other, or unknown....................	7	4.9	7			1	.8	1		
Stillbirths..						2	15.0	2		
Physician in hospital..........................						2	100.0	2		
Physician not in hospital......................										
Midwife, other, or unknown....................										
Total deaths, all causes..........................	132	1047.6	131		1	120	1176.5	117	2	1
Deaths under 1 year..........................	1	7.0	1			2	15.3	1	1	
Deaths under 1 month..........................	1	7.0	1			2	15.3	1	1	
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	1	7.9	1							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	29	230.2	29			25	245.1	25		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	6	47.6	6			8	78.4	8		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	7	55.6	7			8	78.4	8		
Malignant neoplasm of breast ....(174-175)	2	15.9	2			1	9.8	1		
Malignant neoplasm of genital organs ....(179-187)	6	47.6	6			3	29.4	3		
Malignant neoplasm of urinary organs .(188-189)	3	23.8	3			1	9.8	1		
Leukemia ....(204-208)	2	15.9	2			1	9.8	1		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	3	23.8	3			3	29.4	3		
Diabetes mellitus ....(250)	4	31.7	4			3	29.4	3		
Major cardiovascular diseases ....(390-448)	64	507.9	63		1	59	578.4	58		1
Diseases of the heart ....(390-398, 402, 404-429)	46	365.1	45		1	50	490.2	49		1
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)	1	7.9	1			2	19.6	2		
Ischemic heart disease ....(410-414)	29	230.2	28		1	35	343.1	35		
Other heart diseases ....(415-429)	16	127.0	16			13	127.5	12		1
Hypertension with or without renal disease ....(401,403)	2	15.9	2							
Cerebrovascular disease ....(430-438)	10	79.4	10			6	58.8	6		
Arteriosclerosis ....(440)	5	39.7	5			1	9.8	1		
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	1	7.9	1			2	19.6	2		
Pneumonia and influenza ....(480-487)	3	23.8	3			2	19.6	2		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	6	47.6	6			6	58.8	6		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)										
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	5	39.7	5			4	39.2	4		
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)						1	9.8		1	
Certain conditions originating in the perinatal period ....(760-779)	1	7.9	1							
Symptoms, signs, and ill-defined conditions ....(780-799)	1	7.9	1			1	9.8	1		
All other diseases ....(Residual)	12	95.2	12			13	127.5	12	1	
Motor vehicle accidents ....(E810-E825)	2	15.9	2			3	29.4	3		
All other accidents and adverse effects ....(E800-E807, E826-E949)	1	7.9	1			2	19.6	2		
Suicide ....(E950-E959)	3	23.8	3			1	9.8	1		
Homicide and legal intervention ....(E960-E978)										
All other external causes ....(E980-E999)										

TABLE V

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, AND COUNTY, OKLAHOMA, 1987

POPULATION	WOODWARD 20,200				
	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	281	1391.1	272		9
Physician in hospital	277	98.6	268		9
Physician not in hospital					
Midwife, other, or unknown	4	1.4	4		
Stillbirths	2	7.1	2		
Physician in hospital	2	100.0	2		
Physician not in hospital					
Midwife, other, or unknown					
Total deaths, all causes	170	841.6	170		
Deaths under 1 year	2	7.1	2		
Deaths under 1 month	2	7.1	2		
Tuberculosis (010-018)					
Syphilis (090-097)					
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	5.0	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	32	158.4	32		
Malignant neoplasm of digestive organs and peritoneum (150-159)	8	39.6	8		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	6	29.7	6		
Malignant neoplasm of breast (174-175)	1	5.0	1		
Malignant neoplasm of genital organs (179-187)	6	29.7	6		
Malignant neoplasm of urinary organs (188-189)	1	5.0	1		
Leukemia (204-208)	1	5.0	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	9	44.6	9		
Diabetes mellitus (250)	5	24.8	5		
Major cardiovascular diseases (390-448)	93	460.4	93		
Diseases of the heart (390-398, 402, 404-429)	73	361.4	73		
Rheumatic fever and rheumatic heart disease (390-398)	1	5.0	1		
Hypertensive heart disease with or without renal disease (402,404)					
Ischemic heart disease (410-414)	41	203.0	41		
Other heart diseases (415-429)	31	153.5	31		
Hypertension with or without renal disease (401,403)	1	5.0	1		
Cerebrovascular disease (430-438)	9	44.6	9		
Arteriosclerosis (440)	5	24.8	5		
Other diseases of arterioes, arterioles, and capillaries (441-448)	5	24.8	5		
Pneumonia and influenza (480-487)	6	29.7	6		
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	9.9	2		
Ulcer of stomach and duodenum (531-533)	1	5.0	1		
Chronic liver disease and cirrhosis (571)					
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	9.9	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)					
Congenital anomalies (740-759)	1	5.0	1		
Certain conditions originating in the perinatal period (760-779)	1	5.0	1		
Symptoms, signs, and ill-defined conditions (780-799)	2	9.9	2		
All other diseases (Residual)	10	49.5	10		
Motor vehicle accidents (E810-E825)	5	24.8	5		
All other accidents and adverse effects (E800-E807, E826-E949)	9	44.6	9		
Suicide (E950-E959)					
Homicide and legal intervention (E960-E978)					
All other external causes (E980-E999)					

TABLE VI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR MSA'S, OKLAHOMA, 1987

POPULATION	OKLAHOMA CITY 1 975,000 NUMBER	RATE	WHITE	BLACK	INDIAN	TULSA 2 733,000 NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	14,950	1533.3	12,364	2,199	387	11,203	1528.4	8,885	1,173	1,145
Physician in hospital	14,557	97.4	11,743	2,142	672	10,862	97.0	8,692	1,149	1,021
Physician not in hospital	24	.2	19	3	2	7	.1	4	3	
Midwife, other, or unknown	369	2.5	302	54	13	334	3.0	189	21	124
Stillbirths	120	8.0	93	24	3	84	7.4	58	16	10
Physician in hospital	119	99.2	93	23	3	82	97.6	56	16	10
Physician not in hospital	1	.8		1		2	2.4	2		
Midwife, other, or unknown										
Total deaths, all causes	7,486	767.8	6,648	731	107	5,512	752.0	4,898	471	143
Deaths under 1 year	162	10.8	123	33	6	99	8.8	77	19	3
Deaths under 1 month	91	6.1	68	20	3	58	5.2	42	13	3
Tuberculosis (010-018)	3	.3	2		1	2	.3	2		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	153	15.7	126	24	3	72	9.8	54	15	3
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1,695	173.8	1,528	147	20	1,215	165.8	1,083	111	21
Malignant neoplasm of digestive organs and peritoneum (150-159)	357	36.6	312	39	6	249	34.0	222	24	3
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	517	53.0	481	32	4	396	54.0	357	34	5
Malignant neoplasm of breast (174-175)	151	15.5	136	14	1	106	14.5	97	6	3
Malignant neoplasm of genital organs (179-187)	166	17.0	147	16	3	122	16.6	98	21	3
Malignant neoplasm of urinary organs (188-189)	77	7.9	72	4	1	50	6.8	44	5	1
Leukemia (204-208)	78	8.0	70	6	2	53	7.2	51	1	1
Other malignant neoplasms (140-149, 170-173, 190-203)	349	35.8	310	36	3	239	32.6	214	20	5
Diabetes mellitus (250)	105	10.8	85	16	4	77	10.5	60	11	6
Major cardiovascular diseases (390-448)	3,257	334.1	2,937	284	36	2,629	358.7	2,362	201	66
Diseases of the heart (390-398, 402, 404-429)	2,488	255.2	2,246	217	25	2,019	275.4	1,822	140	57
Rheumatic fever and rheumatic heart disease (390-398)	14	1.4	13	1		14	1.9	13	1	
Hypertensive heart disease with or without renal disease (402,404)	47	4.8	36	10	1	48	6.5	39	8	1
Ischemic heart disease (410-414)	1,614	165.5	1,476	119	19	1,481	202.0	1,353	86	42
Other heart diseases (415-429)	813	83.4	721	87	5	476	64.9	417	45	14
Hypertension with or without renal disease (401,403)	19	1.9	12	7		19	2.6	16	3	
Cerebrovascular disease (430-438)	581	59.6	516	54	11	462	63.0	414	41	7
Arteriosclerosis (440)	101	10.4	97	4		64	8.7	51	12	1
Other diseases of arteries, arterioles, and capillaries (441-448)	68	7.0	66	2		65	8.9	59	5	1
Pneumonia and influenza (480-487)	297	30.5	261	33	3	166	22.6	159	5	2
Chronic obstructive pulmonary disease and allied conditions (490-496)	316	32.4	295	15	6	211	28.8	194	13	4
Ulcer of stomach and duodenum (531-533)	25	2.6	22	3		18	2.5	15	1	2
Chronic liver disease and cirrhosis (571)	82	8.4	66	11	5	39	5.3	36	1	2
Nephritis, nephrotic syndrome and nephrosis (580-589)	87	8.9	72	14	1	55	7.5	44	10	1
Complications of pregnancy, childbirth, and the puerperium (630-676)	1	.1		1		1	.1		1	
Congenital anomalies (740-759)	46	4.7	38	7	1	34	4.6	31	2	1
Certain conditions originating in the perinatal period (760-779)	69	7.1	51	17	1	38	5.2	25	10	3
Symptoms, signs, and ill-defined conditions (780-799)	69	7.1	63	4	2	55	7.5	49	5	1
All other diseases (Residual)	702	72.0	623	69	10	472	64.4	418	45	9
Motor vehicle accidents (E810-E825)	150	15.4	122	22	6	130	17.7	115	7	8
All other accidents and adverse effects (E800-E807, E826-E949)	176	18.1	149	24	3	121	16.5	100	16	5
Suicide (E950-E959)	145	14.9	136	5	4	110	15.0	105	4	1
Homicide and legal intervention (E960-E978)	94	9.6	61	32	1	61	8.3	42	12	7
All other external causes (E980-E999)	14	1.4	11	3		6	.8	4	1	1

TABLE VI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR MSA'S, OKLAHOMA, 1987

POPULATION	LAWTON 5 119,400					ENID 4 59,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	2,332	1953.1	1,642	564	126	842	1408.0	792	42	8
Physician in hospital	2,327	99.8	1,639	562	126	833	98.9	784	41	8
Physician not in hospital	1			1		3	.4	3		
Midwife, other, or unknown	4	.2	3	1		6	.7	5	1	
Stillbirths	21	8.9	13	8		5	5.9	3	1	1
Physician in hospital	21	100.0	13	8		5	100.0	3	1	1
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	720	603.0	622	77	21	630	1053.5	605	20	5
Deaths under 1 year	13	5.6	8	4	1	7	8.3	6	1	
Deaths under 1 month	10	4.3	5	4	1	4	4.8	4		
Tuberculosis (010-018)	1	.8			1					
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	7	5.9	7			11	18.4	11		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	172	144.1	150	16	6	139	232.4	133	6	
Malignant neoplasm of digestive organs and peritoneum (150-159)	28	23.5	26	1	1	27	45.2	25	2	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	56	46.9	49	6	1	40	66.9	39	1	
Malignant neoplasm of breast (174-175)	16	13.4	15	1		16	26.8	15	1	
Malignant neoplasm of genital organs (179-187)	22	18.4	15	6	1	16	26.8	15	1	
Malignant neoplasm of urinary organs (188-189)	8	6.7	8			4	6.7	4		
Leukemia (204-208)	8	6.7	7	1		4	6.7	4		
Other malignant neoplasms (140-149, 170-173, 190-203)	34	28.5	30	1	3	32	53.5	31	1	
Diabetes mellitus (250)	14	11.7	11		3	16	26.8	14	2	
Major cardiovascular diseases (390-448)	301	252.1	267	31	3	308	515.1	302	5	1
Diseases of the heart (390-398, 402, 404-429)	244	204.4	216	25	3	228	381.3	226	1	1
Rheumatic fever and rheumatic heart disease (390-398)	3	2.5	3			2	3.3	2		
Hypertensive heart disease with or without renal disease (402,404)	5	4.2	5			5	8.4	5		
Ischemic heart disease (410-414)	176	147.4	158	16	2	157	262.5	155	1	1
Other heart diseases (415-429)	60	50.3	50	9	1	64	107.0	64		
Hypertension with or without renal disease (401,403)	6	5.0	5	1		3	5.0	3		
Cerebrovascular disease (430-438)	41	34.3	36	5		57	95.3	54	3	
Arteriosclerosis (440)	3	2.5	3			14	23.4	14		
Other diseases of arteries, arterioles, and capillaries (441-448)	7	5.9	7			6	10.0	5	1	
Pneumonia and influenza (480-487)	35	29.3	32	2	1	28	46.8	27	1	
Chronic obstructive pulmonary disease and allied conditions (490-496)	36	30.2	36			18	30.1	18		
Ulcer of stomach and duodenum (531-533)	2	1.7	2			2	3.3	2		
Chronic liver disease and cirrhosis (571)	8	6.7	7	1		2	3.3	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	4	3.4	3	1		10	16.7	9	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	4	3.4	2	1	1	4	6.7	4		
Certain conditions originating in the perinatal period (760-779)	5	4.2	2	3		2	3.3	2		
Symptoms, signs, and ill-defined conditions (780-799)	3	2.5	3			3	5.0	3		
All other diseases (Residual)	66	55.3	56	7	3	50	83.6	47	1	2
Motor vehicle accidents (E810-E825)	18	15.1	12	5	1	15	25.1	14	1	
All other accidents and adverse effects (E800-E807, E826-E949)	19	15.9	17	2		13	21.7	10	1	2
Suicide (E950-E959)	13	10.9	11	2		6	10.0	5	1	
Homicide and legal intervention (E960-E978)	12	10.1	4	6	2	3	5.0	2	1	
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	ADA 16,800					ALTUS 23,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	229	1363.1	168	10	51	483	2038.0	399	76	8
Physician in hospital	229	100.0	168	10	51	483	100.0	399	76	8
Physician not in hospital										
Midwife, other, or unknown										
Stillbirths	1	4.3	1			4	8.2	3	1	
Physician in hospital						4	100.0	3	1	
Physician not in hospital										
Midwife, other, or unknown	1	100.0	1							
Total deaths, all causes	243	1446.4	224	6	13	183	772.2	159	22	2
Deaths under 1 year	3	13.1			3	2	4.1	1	1	
Deaths under 1 month	2	8.7			2	2	4.1	1	1	
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	6.0			1	1	4.2	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	52	309.5	49	1	2	38	160.3	34	3	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	14	83.3	12	1	1	10	42.2	9	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	13	77.4	12		1	13	54.9	12		1
Malignant neoplasm of breast (174-175)	3	17.9	3			3	12.7	3		
Malignant neoplasm of genital organs (179-187)	9	53.6	9			3	12.7	2	1	
Malignant neoplasm of urinary organs (188-189)	3	17.9	3			1	4.2	1		
Leukemia (204-208)	3	17.9	3							
Other malignant neoplasms (140-149, 170-173, 190-203)	7	41.7	7			8	33.8	7	1	
Diabetes mellitus (250)	3	17.9	3			5	21.1	5		
Major cardiovascular diseases (390-448)	119	708.3	115	2	2	85	358.6	74	11	
Diseases of the heart (390-398, 402, 404-429)	68	404.8	65	1	2	52	219.4	47	5	
Rheumatic fever and rheumatic heart disease (390-398)						1	4.2	1		
Hypertensive heart disease with or without renal disease (402,404)						3	12.7	3		
Ischemic heart disease (410-414)	51	303.6	48	1	2	38	160.3	35	3	
Other heart diseases (415-429)	17	101.2	17			10	42.2	8	2	
Hypertension with or without renal disease (401,403)						1	4.2	1		
Cerebrovascular disease (430-438)	47	279.8	46	1		29	122.4	23	6	
Arteriosclerosis (440)	2	11.9	2			1	4.2	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	2	11.9	2			2	8.4	2		
Pneumonia and influenza (480-487)	15	89.3	13	1	1	7	29.5	6	1	
Chronic obstructive pulmonary disease and allied conditions (490-496)	12	71.4	12			4	16.9	4		
Ulcer of stomach and duodenum (531-533)	1	6.0	1							
Chronic liver disease and cirrhosis (571)	4	23.8	1	1	2	3	12.7	3		
Nephritis, nephrotic syndrome and nephrosis (580-589)	6	35.7	4	1	1					
Complications of pregnancy, childbirth, and the puerperium (630-676)						1	4.2	1		
Congenital anomalies (740-759)	1	6.0			1					
Certain conditions originating in the perinatal period (760-779)	1	6.0			1	2	8.4	1	1	
Symptoms, signs, and ill-defined conditions (780-799)	3	17.9	1		2	4	16.9	4		
All other diseases (Residual)	18	107.1	18			14	59.1	13	1	
Motor vehicle accidents (E810-E825)	1	6.0	1			5	21.1	4		1
All other accidents and adverse effects (E800-E807, E826-E949)	3	17.9	3			9	38.0	6	3	
Suicide (E950-E959)	3	17.9	3			2	8.4	1	1	
Homicide and legal intervention (E960-E978)						3	12.7	2	1	
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	ALVA 5,900					ANADARKO 6,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	87	1474.6	83	2	2	139	2074.6	49	14	76
Physician in hospital...........................	87	100.0	83	2	2	139	100.0	49	14	76
Physician not in hospital.......................										
Midwife, other, or unknown.....................										
Stillbirths..						2	14.2		1	1
Physician in hospital...........................						1	50.0			1
Physician not in hospital.......................						1	50.0		1	
Midwife, other, or unknown.....................										
Total deaths, all causes.........................	73	1237.3	71	2		96	1432.8	70	5	21
Deaths under 1 year.............................	2	23.0	1	1						
Deaths under 1 month............................	2	23.0	1	1						
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)						3	44.8	2		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	14	237.3	14			18	268.7	13	3	2
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	6	101.7	6			5	74.6	4		1
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	5	84.7	5			2	29.9	2		
Malignant neoplasm of breast ....(174-175)	1	16.9	1			1	14.9	1		
Malignant neoplasm of genital organs ....(179-187)	1	16.9	1			6	89.6	3	3	
Malignant neoplasm of urinary organs .(188-189)										
Leukemia ....(204-208)	1	16.9	1							
Other malignant neoplasms ....(140-149, 170-173, 190-203)						4	59.7	3		1
Diabetes mellitus ....(250)	2	33.9	2			4	59.7	2		2
Major cardiovascular diseases ....(390-448)	34	576.3	34			42	626.9	33	2	7
Diseases of the heart ....(390-398, 402, 404-429)	28	474.6	28			32	477.6	25	2	5
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)	1	16.9	1							
Ischemic heart disease ....(410-414)	25	423.7	25			27	403.0	21	2	4
Other heart diseases ....(415-429)	2	33.9	2			5	74.6	4		1
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	5	84.7	5			10	149.3	8		2
Arteriosclerosis ....(440)										
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	1	16.9	1							
Pneumonia and influenza ....(480-487)	1	16.9	1			4	59.7	4		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	4	67.8	4			2	29.9	2		
Ulcer of stomach and duodenum ....(531-533)						1	14.9	1		
Chronic liver disease and cirrhosis ....(571)						2	29.9			2
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	2	33.9	2			3	44.8	2		1
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	1	16.9		1						
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)	1	16.9	1			2	29.9	1		1
All other diseases ....(Residual)	10	169.5	9	1		8	119.4	4		4
Motor vehicle accidents ....(E810-E825)	1	16.9	1			2	29.9	1		1
All other accidents and adverse effects ....(E800-E807, E826-E949)	2	33.9	2			3	44.8	3		
Suicide ....(E950-E959)	1	16.9	1							
Homicide and legal intervention ....(E960-E978)						1	14.9	1		
All other external causes ....(E980-E999)						1	14.9	1		

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	ANTLERS 3,100					ARDMORE 24,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	45	1451.6	38	2	5	340	1376.5	248	50	42
Physician in hospital	45	100.0	38	2	5	337	99.1	245	50	42
Physician not in hospital										
Midwife, other, or unknown						3	.9	3		
Stillbirths						3	8.7	3		
Physician in hospital						3	100.0	3		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	52	1677.4	50	1	1	326	1319.8	282	31	13
Deaths under 1 year						3	8.8	2		1
Deaths under 1 month						2	5.9	2		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						4	16.2	2	1	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	12	387.1	11		1	76	307.7	63	11	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	64.5	2			16	64.8	14	1	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	7	225.8	6		1	25	101.2	21	4	
Malignant neoplasm of breast (174-175)						7	28.3	7		
Malignant neoplasm of genital organs (179-187)	1	32.3	1			12	48.6	8	4	
Malignant neoplasm of urinary organs (188-189)						2	8.1	2		
Leukemia (204-208)						4	16.2	3	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	2	64.5	2			10	40.5	8	1	1
Diabetes mellitus (250)	1	32.3	1			12	48.6	12		
Major cardiovascular diseases (390-448)	23	741.9	22	1		151	611.3	135	14	2
Diseases of the heart (390-398, 402, 404-429)	15	483.9	14	1		109	441.3	99	10	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						3	12.1	1	2	
Ischemic heart disease (410-414)	8	258.1	8			82	332.0	77	5	
Other heart diseases (415-429)	7	225.8	6	1		24	97.2	21	3	
Hypertension with or without renal disease (401,403)						5	20.2	5		
Cerebrovascular disease (430-438)	5	161.3	5			29	117.4	24	3	2
Arteriosclerosis (440)	1	32.3	1			5	20.2	4	1	
Other diseases of arteries, arterioles, and capillaries (441-448)	2	64.5	2			3	12.1	3		
Pneumonia and influenza (480-487)	4	129.0	4			8	32.4	6	2	
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	161.3	5			9	36.4	9		
Ulcer of stomach and duodenum (531-533)						3	12.1	2	1	
Chronic liver disease and cirrhosis (571)						5	20.2	4		1
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	32.3	1			4	16.2	1		3
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						1	4.0	1		
Certain conditions originating in the perinatal period (760-779)						2	8.1	1		1
Symptoms, signs, and ill-defined conditions (780-799)						6	24.3	5		1
All other diseases (Residual)	3	96.8	3			21	85.0	20	1	
Motor vehicle accidents (E810-E825)	1	32.3	1			7	28.3	6		1
All other accidents and adverse effects (E800-E807, E826-E949)						10	40.5	9		1
Suicide (E950-E959)	1	32.3	1			3	12.1	2	1	
Homicide and legal intervention (E960-E978)	1	32.3	1			4	16.2	4		
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	ATOKA 3,800					BARTLESVILLE 29,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	52	1368.4	36	5	11	466	1569.0	401	30	35
Physician in hospital	52	100.0	36	5	11	463	99.4	400	30	33
Physician not in hospital										
Midwife, other, or unknown						3	.6	1		2
Stillbirths						5	10.6	4	1	
Physician in hospital						5	100.0	4	1	
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	60	1578.9	50	5	5	385	1296.3	360	16	9
Deaths under 1 year						7	15.0	3	4	
Deaths under 1 month						3	6.4	1	2	
Tuberculosis (010-018)						1	3.4	1		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						9	30.3	9		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	12	315.8	10	1	1	92	309.8	89	2	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	78.9	2		1	14	47.1	14		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	52.6	2			30	101.0	30		
Malignant neoplasm of breast (174-175)	3	78.9	2	1		9	30.3	9		
Malignant neoplasm of genital organs (179-187)	1	26.3	1			12	40.4	11	1	
Malignant neoplasm of urinary organs (188-189)						1	3.4	1		
Leukemia (204-208)						8	26.9	8		
Other malignant neoplasms (140-149, 170-173, 190-203)	3	78.9	3			18	60.6	16	1	1
Diabetes mellitus (250)						6	20.2	5	1	
Major cardiovascular diseases (390-448)	36	947.4	30	2	4	163	548.8	154	5	4
Diseases of the heart (390-398, 402, 404-429)	31	815.8	25	2	4	133	447.8	124	5	4
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						6	20.2	5		1
Ischemic heart disease (410-414)	10	263.2	7		3	94	316.5	88	3	3
Other heart diseases (415-429)	21	552.6	18	2	1	33	111.1	31	2	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	105.3	4			22	74.1	22		
Arteriosclerosis (440)						1	3.4	1		
Other diseases of arteries, arterioles, and capillaries (441-448)	1	26.3	1			7	23.6	7		
Pneumonia and influenza (480-487)	2	52.6	2			14	47.1	14		
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	26.3	1			15	50.5	14		1
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						3	10.1	3		
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	26.3		1		4	13.5	3		1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						3	10.1	2	1	
Certain conditions originating in the perinatal period (760-779)						2	6.7		2	
Symptoms, signs, and ill-defined conditions (780-799)	6	157.9	5	1		5	16.8	5		
All other diseases (Residual)	2	52.6	2			46	154.9	39	5	2
Motor vehicle accidents (E810-E825)						5	16.8	5		
All other accidents and adverse effects (E800-E807, E826-E949)						9	30.3	9		
Suicide (E950-E959)						8	26.9	8		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	BETHANY 21,900					BETHEL ACRES 2,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	273	1246.6	253	10	10					
Physician in hospital	268	98.2	248	10	10					
Physician not in hospital										
Midwife, other, or unknown	5	1.8	5							
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	201	917.8	197	2	2					
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	6	27.4	5	1						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	35	159.8	34		1					
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	13.7	3							
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	12	54.8	11		1					
Malignant neoplasm of breast (174-175)	3	13.7	3							
Malignant neoplasm of genital organs (179-187)	3	13.7	3							
Malignant neoplasm of urinary organs (188-189)	1	4.6	1							
Leukemia (204-208)	2	9.1	2							
Other malignant neoplasms (140-149, 170-173, 190-203)	11	50.2	11							
Diabetes mellitus (250)	1	4.6	1							
Major cardiovascular diseases (390-448)	109	497.7	107	1	1					
Diseases of the heart (390-398, 402, 404-429)	83	379.0	82	1						
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	4	18.3	4							
Ischemic heart disease (410-414)	50	228.3	49	1						
Other heart diseases (415-429)	29	132.4	29							
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	20	91.3	19		1					
Arteriosclerosis (440)	5	22.8	5							
Other diseases of arteries, arterioles, and capillaries (441-448)	1	4.6	1							
Pneumonia and influenza (480-487)	2	9.1	2							
Chronic obstructive pulmonary disease and allied conditions (490-496)	7	32.0	7							
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	4.6	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	13.7	3							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	4.6	1							
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	4.6	1							
All other diseases (Residual)	22	100.5	22							
Motor vehicle accidents (E810-E825)	4	18.3	4							
All other accidents and adverse effects (E800-E807, E826-E949)	6	27.4	6							
Suicide (E950-E959)	3	13.7	3							
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	BIXBY					BLACKWELL				
POPULATION	8,900					8,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	138	1550.6	117	1	20	105	1296.3	101		4
Physician in hospital	137	99.3	117		20	105	100.0	101		4
Physician not in hospital										
Midwife, other, or unknown	1	.7		1						
Stillbirths	1	7.2	1			2	18.7	2		
Physician in hospital	1	100.0	1			2	100.0	2		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	47	528.1	44	1	2	124	1530.9	123		1
Deaths under 1 year	2	14.5	2			2	19.0	2		
Deaths under 1 month	1	7.2	1			2	19.0	2		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	11.2			1					
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	4	44.9	4			16	197.5	16		
Malignant neoplasm of digestive organs and peritoneum (150-159)						4	49.4	4		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	22.5	2			6	74.1	6		
Malignant neoplasm of breast (174-175)						2	24.7	2		
Malignant neoplasm of genital organs (179-187)						1	12.3	1		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)						1	12.3	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	2	22.5	2			2	24.7	2		
Diabetes mellitus (250)						2	24.7	2		
Major cardiovascular diseases (390-448)	29	325.8	28	1		79	975.3	78		1
Diseases of the heart (390-398, 402, 404-429)	25	280.9	24	1		59	728.4	59		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	11.2	1			2	24.7	2		
Ischemic heart disease (410-414)	18	202.2	18			41	506.2	41		
Other heart diseases (415-429)	6	67.4	5	1		16	197.5	16		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	3	33.7	3			15	185.2	15		
Arteriosclerosis (440)	1	11.2	1			1	12.3	1		
Other diseases of arteries, arterioles, and capillaries (441-448)						4	49.4	3		1
Pneumonia and influenza (480-487)	4	44.9	3		1	6	74.1	6		
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	33.7	3			4	49.4	4		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						3	37.0	3		
Nephritis, nephrotic syndrome and nephrosis (580-589)						2	24.7	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	11.2	1			1	12.3	1		
Certain conditions originating in the perinatal period (760-779)	1	11.2	1			1	12.3	1		
Symptoms, signs, and ill-defined conditions (780-799)						1	12.3	1		
All other diseases (Residual)	2	22.5	2			6	74.1	6		
Motor vehicle accidents (E810-E825)	1	11.2	1			1	12.3	1		
All other accidents and adverse effects (E800-E807, E826-E949)						2	24.7	2		
Suicide (E950-E959)	1	11.2	1							
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	BRISTOW 4,800					BROKEN ARROW 51,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	72	1500.0	58	8	6	1,041	2021.4	933	37	71
Physician in hospital	67	93.1	54	8	5	1,016	97.6	915	36	65
Physician not in hospital										
Midwife, other, or unknown	5	6.9	4		1	25	2.4	18	1	6
Stillbirths						5	4.8	3		2
Physician in hospital						4	80.0	2		2
Physician not in hospital						1	20.0	1		
Midwife, other, or unknown										
Total deaths, all causes	69	1437.5	59	9	1	271	526.2	265	2	4
Deaths under 1 year						7	6.7	6	1	
Deaths under 1 month						6	5.8	5	1	
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	20.8		1		1	1.9	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	16	333.3	14	1	1	48	93.2	47		1
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	20.8		1		10	19.4	10		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	83.3	4			12	23.3	12		
Malignant neoplasm of breast (174-175)	1	20.8	1			5	9.7	5		
Malignant neoplasm of genital organs (179-187)	5	104.2	4		1	2	3.9	2		
Malignant neoplasm of urinary organs (188-189)	1	20.8	1			2	3.9	2		
Leukemia (204-208)	2	41.7	2			4	7.8	4		
Other malignant neoplasms (140-149, 170-173, 190-203)	2	41.7	2			13	25.2	12		1
Diabetes mellitus (250)	3	62.5	3			5	9.7	5		
Major cardiovascular diseases (390-448)	33	687.5	29	4		132	256.3	132		
Diseases of the heart (390-398, 402, 404-429)	23	479.2	21	2		102	198.1	102		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	2	41.7	2			2	3.9	2		
Ischemic heart disease (410-414)	20	416.7	18	2		81	157.3	81		
Other heart diseases (415-429)	1	20.8	1			19	36.9	19		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	9	187.5	7	2		24	46.6	24		
Arteriosclerosis (440)	1	20.8	1			3	5.8	3		
Other diseases of arteries, arterioles, and capillaries (441-448)						3	5.8	3		
Pneumonia and influenza (480-487)	1	20.8	1			8	15.5	8		
Chronic obstructive pulmonary disease and allied conditions (490-496)						13	25.2	13		
Ulcer of stomach and duodenum (531-533)						2	3.9	1		1
Chronic liver disease and cirrhosis (571)						1	1.9	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	41.7		2		1	1.9	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	20.8	1			2	3.9	1		1
Certain conditions originating in the perinatal period (760-779)						4	7.8	3	1	
Symptoms, signs, and ill-defined conditions (780-799)	1	20.8	1			3	5.8	3		
All other diseases (Residual)	7	145.8	7			21	40.8	20		1
Motor vehicle accidents (E810-E825)	1	20.8	1			12	23.3	12		
All other accidents and adverse effects (E800-E807, E826-E949)	2	41.7	1	1		3	5.8	3		
Suicide (E950-E959)	1	20.8	1			8	15.5	8		
Homicide and legal intervention (E960-E978)						5	9.7	4	1	
All other external causes (E980-E999)						2	3.9	2		

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	BROKEN BOW 3,900					BURNS FLAT 3,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	101	2589.7	59	8	34	13	433.3	13		
Physician in hospital	90	89.1	58	8	24	13	100.0	13		
Physician not in hospital										
Midwife, other, or unknown	11	10.9	1		10					
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	73	1871.8	67	2	4	2	66.7	2		
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	19	487.2	17	2						
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	51.3	2							
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	8	205.1	7	1						
Malignant neoplasm of breast (174-175)										
Malignant neoplasm of genital organs (179-187)	4	102.6	3	1						
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	5	128.2	5							
Diabetes mellitus (250)	3	76.9	2		1					
Major cardiovascular diseases (390-448)	31	794.9	29		2	1	33.3	1		
Diseases of the heart (390-398, 402, 404-429)	24	615.4	22		2	1	33.3	1		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	20	512.8	19		1	1	33.3	1		
Other heart diseases (415-429)	4	102.6	3		1					
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	7	179.5	7							
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	3	76.9	3							
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	128.2	5			1	33.3	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	25.6	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	4	102.6	4							
Motor vehicle accidents (E810-E825)	3	76.9	3							
All other accidents and adverse effects (E800-E807, E826-E949)	1	25.6			1					
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)	3	76.9	3							
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	CATOOSA 3,000					CHANDLER 3,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	53	1766.7	50		3	46	1277.8	40	6	
Physician in hospital	50	94.3	48		2	46	100.0	40	6	
Physician not in hospital	1	1.9	1							
Midwife, other, or unknown	2	3.8	1		1					
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	19	633.3	17		2	42	1166.7	37	5	
Deaths under 1 year	1	18.9	1							
Deaths under 1 month	1	18.9	1							
Tuberculosis (010-018)	1	33.3	1							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	2	66.7	2			8	222.2	8		
Malignant neoplasm of digestive organs and peritoneum (150-159)						1	27.8	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						2	55.6	2		
Malignant neoplasm of breast (174-175)										
Malignant neoplasm of genital organs (179-187)						1	27.8	1		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)	1	33.3	1			1	27.8	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	1	33.3	1			3	83.3	3		
Diabetes mellitus (250)						2	55.6	2		
Major cardiovascular diseases (390-448)	7	233.3	5		2	21	583.3	18	3	
Diseases of the heart (390-398, 402, 404-429)	5	166.7	3		2	16	444.4	14	2	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	1	33.3			1	16	444.4	14	2	
Other heart diseases (415-429)	4	133.3	3		1					
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	1	33.3	1			1	27.8	1		
Arteriosclerosis (440)						1	27.8	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	33.3	1			3	83.3	2	1	
Pneumonia and influenza (480-487)						1	27.8	1		
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	100.0	3			1	27.8	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						1	27.8	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	33.3	1							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	1	33.3	1			7	194.4	5	2	
Motor vehicle accidents (E810-E825)	1	33.3	1			1	27.8	1		
All other accidents and adverse effects (E800-E807, E826-E949)	1	33.3	1							
Suicide (E950-E959)	2	66.7	2							
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	CHECOTAH 3,600					CHICKASHA 16,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	59	1638.9	41	7	11	239	1457.3	183	43	13
Physician in hospital	59	100.0	41	7	11	237	99.2	181	43	13
Physician not in hospital										
Midwife, other, or unknown						2	.8	2		
Stillbirths	1	16.7	1			2	8.3	2		
Physician in hospital	1	100.0	1			2	100.0	2		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	79	2194.4	68	9	2	191	1164.6	173	16	2
Deaths under 1 year	1	16.9	1			4	16.7	3	1	
Deaths under 1 month	1	16.9	1			3	12.6	3		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	27.8			1	1	6.1		1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	16	444.4	15	1		37	225.6	33	4	
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	111.1	3	1		10	61.0	9	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	111.1	4			9	54.9	8	1	
Malignant neoplasm of breast (174-175)						3	18.3	3		
Malignant neoplasm of genital organs (179-187)	3	83.3	3			4	24.4	3	1	
Malignant neoplasm of urinary organs (188-189)	1	27.8	1			2	12.2	2		
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	4	111.1	4			9	54.9	8	1	
Diabetes mellitus (250)						2	12.2	2		
Major cardiovascular diseases (390-448)	44	1222.2	36	7	1	105	640.2	96	8	1
Diseases of the heart (390-398, 402, 404-429)	39	1083.3	32	6	1	65	396.3	60	5	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	4	111.1	2	2		4	24.4	4		
Ischemic heart disease (410-414)	22	611.1	20	1	1	48	292.7	44	4	
Other heart diseases (415-429)	13	361.1	10	3		13	79.3	12	1	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	5	138.9	4	1		32	195.1	28	3	1
Arteriosclerosis (440)						4	24.4	4		
Other diseases of arteries, arterioles, and capillaries (441-448)						4	24.4	4		
Pneumonia and influenza (480-487)	3	83.3	3			7	42.7	7		
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	83.3	3			10	61.0	10		
Ulcer of stomach and duodenum (531-533)						1	6.1	1		
Chronic liver disease and cirrhosis (571)	1	27.8	1			1	6.1	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)						2	12.2	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	55.6	2			1	6.1	1		
Certain conditions originating in the perinatal period (760-779)						2	12.2	2		
Symptoms, signs, and ill-defined conditions (780-799)						2	12.2		2	
All other diseases (Residual)	2	55.6	2			13	79.3	12	1	
Motor vehicle accidents (E810-E825)	2	55.6	2			1	6.1	1		
All other accidents and adverse effects (E800-E807, E826-E949)	3	83.3	2	1		3	18.3	3		
Suicide (E950-E959)	2	55.6	2			3	18.3	2		1
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	CHOCTAW					CLAREMORE				
POPULATION	10,100					16,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	177	1752.5	159	9	9	250	1562.5	183	5	62
Physician in hospital	173	97.7	155	9	9	235	94.0	179	5	51
Physician not in hospital										
Midwife, other, or unknown	4	2.3	4			15	6.0	4		11
Stillbirths						5	19.6	2		3
Physician in hospital						5	100.0	2		3
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	82	811.9	80	2		154	962.5	139	2	13
Deaths under 1 year	3	16.9	3			2	8.0	1		1
Deaths under 1 month	2	11.3	2			2	8.0	1		1
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	9.9	1			1	6.3	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	19	188.1	19			30	187.5	28		2
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	39.6	4			11	68.8	11		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	39.6	4			10	62.5	9		1
Malignant neoplasm of breast (174-175)	4	39.6	4			2	12.5	2		
Malignant neoplasm of genital organs (179-187)	2	19.8	2			2	12.5	2		
Malignant neoplasm of urinary organs (188-189)	1	9.9	1			2	12.5	2		
Leukemia (204-208)						1	6.3			1
Other malignant neoplasms (140-149, 170-173, 190-203)	4	39.6	4			2	12.5	2		
Diabetes mellitus (250)	2	19.8	2			4	25.0	3		1
Major cardiovascular diseases (390-448)	26	257.4	25	1		80	500.0	74	1	5
Diseases of the heart (390-398, 402, 404-429)	23	227.7	22	1		56	350.0	51	1	4
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						1	6.3	1		
Ischemic heart disease (410-414)	16	158.4	16			45	281.3	43		2
Other heart diseases (415-429)	7	69.3	6	1		10	62.5	7	1	2
Hypertension with or without renal disease (401,403)	1	9.9	1							
Cerebrovascular disease (430-438)	1	9.9	1			20	125.0	19		1
Arteriosclerosis (440)						1	6.3	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	9.9	1			3	18.8	3		
Pneumonia and influenza (480-487)	3	29.7	3			8	50.0	7		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	19.8	2			3	18.8	3		
Ulcer of stomach and duodenum (531-533)						2	12.5	1		1
Chronic liver disease and cirrhosis (571)	1	9.9	1							
Nephritic, nephrotic syndrome and nephrosis (580-589)						3	18.8	3		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)	1	9.9	1			2	12.5	1		1
Symptoms, signs, and ill-defined conditions (780-799)	3	29.7	3			1	6.3	1		
All other diseases (Residual)	10	99.0	9	1		10	62.5	8	1	1
Motor vehicle accidents (E810-E825)	5	49.5	5			2	12.5	2		
All other accidents and adverse effects (E800-E807, E826-E949)	2	19.8	2			5	31.3	4		1
Suicide (E950-E959)	1	9.9	1			3	18.8	3		
Homicide and legal intervention (E960-E978)	6	59.4	6							
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	CLEVELAND 3,200					CLINTON 10,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	53	1656.3	46		7	154	1540.0	105	27	22
Physician in hospital	52	98.1	46		6	152	98.7	103	27	22
Physician not in hospital						1	.6	1		
Midwife, other, or unknown	1	1.9			1	1	.6	1		
Stillbirths						6	37.5	5		1
Physician in hospital						6	100.0	5		1
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	56	1750.0	54	1	1	108	1080.0	101	5	2
Deaths under 1 year	1	18.9	1			5	32.5	4	1	
Deaths under 1 month	1	18.9	1			4	26.0	3	1	
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	93.8	3			1	10.0		1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	15	468.8	14	1		14	140.0	14		
Malignant neoplasm of digestive organs and peritoneum (150-159)	6	187.5	5	1		5	50.0	5		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	156.3	5			6	60.0	6		
Malignant neoplasm of breast (174-175)										
Malignant neoplasm of genital organs (179-187)	1	31.3	1			2	20.0	2		
Malignant neoplasm of urinary organs (188-189)	1	31.3	1							
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	2	62.5	2			1	10.0	1		
Diabetes mellitus (250)						2	20.0	2		
Major cardiovascular diseases (390-448)	27	843.8	26		1	48	480.0	45	3	
Diseases of the heart (390-398, 402, 404-429)	19	593.8	18		1	40	400.0	38	2	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						1	10.0	1		
Ischemic heart disease (410-414)	13	406.3	12		1	32	320.0	30	2	
Other heart diseases (415-429)	6	187.5	6			7	70.0	7		
Hypertension with or without renal disease (401,403)						1	10.0	1		
Cerebrovascular disease (430-438)	5	156.3	5			5	50.0	4	1	
Arteriosclerosis (440)	3	93.8	3			1	10.0	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)						1	10.0	1		
Pneumonia and influenza (480-487)	4	125.0	4			5	50.0	5		
Chronic obstructive pulmonary disease and allied conditions (490-496)						8	80.0	6		
Ulcer of stomach and duodenum (531-533)	1	31.3	1			1	10.0	1		
Chronic liver disease and cirrhosis (571)						3	30.0	3		
Nephritis, nephrotic syndrome and nephrosis (580-589)						3	30.0	2		1
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)	1	31.3	1			4	40.0	3	1	
Symptoms, signs, and ill-defined conditions (780-799)						1	10.0	1		
All other diseases (Residual)	3	93.8	3			14	140.0	14		
Motor vehicle accidents (E810-E825)										
All other accidents and adverse effects (E800-E807, E826-E949)										
Suicide (E950-E959)	2	62.5	2			1	10.0	1		
Homicide and legal intervention (E960-E978)						3	30.0	2		1
All other external causes (E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	COLLINSVILLE 4,200					COMMERCE 2,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	66	1571.4	50		16	22	880.0	15	1	6
Physician in hospital	63	95.5	50		13	21	95.5	15	1	5
Physician not in hospital										
Midwife, other, or unknown	3	4.5			3	1	4.5			1
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	49	1166.7	47		2	28	1120.0	24		4
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	6	142.9	6							
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	47.6	2							
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	1	23.8	1							
Malignant neoplasm of breast (174-175)										
Malignant neoplasm of genital organs (179-187)	1	23.8	1							
Malignant neoplasm of urinary organs (188-189)	1	23.8	1							
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	1	23.8	1							
Diabetes mellitus (250)						1	40.0	1		
Major cardiovascular diseases (390-448)	29	690.5	27		2	19	760.0	15		4
Diseases of the heart (390-398, 402, 404-429)	21	500.0	19		2	12	480.0	11		1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	13	309.5	11		2	7	280.0	6		1
Other heart diseases (415-429)	8	190.5	8			5	200.0	5		
Hypertension with or without renal disease (401,403)						1	40.0	1		
Cerebrovascular disease (430-438)	7	166.7	7			3	120.0	1		2
Arteriosclerosis (440)	1	23.8	1			3	120.0	2		1
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	4	95.2	4			2	80.0	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)										
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	23.8	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	23.8	1							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	4	95.2	4			1	40.0	1		
Motor vehicle accidents (E810-E825)	2	47.6	2			3	120.0	3		
All other accidents and adverse effects (E800-E807, E826-E949)						1	40.0	1		
Suicide (E950-E959)	2	47.6	2							
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)						1	40.0	1		

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	NEW CORDELL 3,100					COWETA 5,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	35	1129.0	34		1	116	2148.1	94	5	17
Physician in hospital	35	100.0	34		1	113	97.4	93	4	16
Physician not in hospital										
Midwife, other, or unknown						3	2.6	1	1	1
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	71	2290.3	70		1	46	851.9	38	5	3
Deaths under 1 year	1	28.6	1			3	25.9	1	2	
Deaths under 1 month	1	28.6	1			2	17.2		2	
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	15	483.9	15			10	185.2	10		
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	129.0	4			2	37.0	2		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	64.5	2			2	37.0	2		
Malignant neoplasm of breast (174-175)	1	32.3	1			1	18.5	1		
Malignant neoplasm of genital organs (179-187)	4	129.0	4			1	18.5	1		
Malignant neoplasm of urinary organs (188-189)	1	32.3	1							
Leukemia (204-208)	1	32.3	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	2	64.5	2			4	74.1	4		
Diabetes mellitus (250)	2	64.5	2			2	37.0	1		1
Major cardiovascular diseases (390-448)	36	1161.3	35		1	17	314.8	14	2	1
Diseases of the heart (390-398, 402, 404-429)	25	806.5	24		1	13	240.7	10	2	1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	16	516.1	15		1	10	185.2	8	1	1
Other heart diseases (415-429)	9	290.3	9			3	55.6	2	1	
Hypertension with or without renal disease (401,403)	1	32.3	1							
Cerebrovascular disease (430-438)	5	161.3	5			1	18.5	1		
Arteriosclerosis (440)	4	129.0	4			2	37.0	2		
Other diseases of arteries, arterioles, and capillaries (441-448)	1	32.3	1			1	18.5	1		
Pneumonia and influenza (480-487)	3	96.8	3			4	74.1	4		
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	64.5	2			1	18.5	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	64.5	2			1	18.5		1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)	1	32.3	1			2	37.0		2	
Symptoms, signs, and ill-defined conditions (780-799)	1	32.3	1			1	18.5	1		
All other diseases (Residual)	6	193.5	6			6	111.1	6		
Motor vehicle accidents (E810-E825)						1	18.5			1
All other accidents and adverse effects (E800-E807, E826-E949)	1	32.3	1							
Suicide (E950-E959)	2	64.5	2							
Homicide and legal intervention (E960-E978)						1	18.5	1		
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	CUSHING					DAVIS				
POPULATION	8,300					3,200				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	105	1265.1	90	4	11	41	1281.3	36	3	2
Physician in hospital	97	92.4	82	4	11	41	100.0	36	3	2
Physician not in hospital										
Midwife, other, or unknown	8	7.6	8							
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	134	1614.5	126	6	2	36	1125.0	34	2	
Deaths under 1 year	2	19.0	2							
Deaths under 1 month	1	9.5	1							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	24.1	2			1	31.3	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	31	373.5	28	2	1	5	156.3	4	1	
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	48.2	3	1		1	31.3	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	11	132.5	10	1		1	31.3	1		
Malignant neoplasm of breast (174-175)	4	48.2	3		1	3	93.8	2	1	
Malignant neoplasm of genital organs (179-187)	3	36.1	3							
Malignant neoplasm of urinary organs (188-189)	2	24.1	2							
Leukemia (204-208)	1	12.0	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	6	72.3	6							
Diabetes mellitus (250)	1	12.0	1							
Major cardiovascular diseases (390-448)	69	831.3	66	2	1	22	687.5	21	1	
Diseases of the heart (390-398, 402, 404-429)	46	554.2	45		1	19	593.8	18	1	
Rheumatic fever and rheumatic heart disease (390-398)	1	12.0	1			1	31.3	1		
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	36	433.7	35		1	8	250.0	7	1	
Other heart diseases (415-429)	9	108.4	9			10	312.5	10		
Hypertension with or without renal disease (401,403)	1	12.0		1		1	31.3	1		
Cerebrovascular disease (430-438)	19	228.9	18	1		1	31.3	1		
Arteriosclerosis (440)	1	12.0	1			1	31.3	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	2	24.1	2							
Pneumonia and influenza (480-487)	6	72.3	6			1	31.3	1		
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	36.1	3							
Ulcer of stomach and duodenum (531-533)	1	12.0	1							
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	6	72.3	6			1	31.3	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	12.0	1							
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	12.0	1							
All other diseases (Residual)	5	60.2	4	1		2	62.5	2		
Motor vehicle accidents (E810-E825)	4	48.2	3	1		2	62.5	2		
All other accidents and adverse effects (E800-E807, E826-E949)						1	31.3	1		
Suicide (E950-E959)	3	36.1	3			1	31.3	1		
Homicide and legal intervention (E960-E978)	1	12.0	1							
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	DEL CITY 26,100					DEWEY 3,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	370	1417.6	271	80	19	46	1210.5	39	3	4
Physician in hospital	356	96.2	260	77	19	46	100.0	39	3	4
Physician not in hospital										
Midwife, other, or unknown	14	3.8	11	3						
Stillbirths	7	18.6	7			1	21.3	1		
Physician in hospital	7	100.0	7			1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	177	678.2	173	4		67	1763.2	61	4	2
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	7.7	2			1	26.3	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	46	176.2	45	1		12	315.8	11	1	
Malignant neoplasm of digestive organs and peritoneum (150-159)	6	23.0	6			5	131.6	5		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	19	72.8	19			4	105.3	3	1	
Malignant neoplasm of breast (174-175)	2	7.7	2							
Malignant neoplasm of genital organs (179-187)	5	19.2	5							
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)	2	7.7	2							
Other malignant neoplasms (140-149, 170-173, 190-203)	12	46.0	11	1		3	78.9	3		
Diabetes mellitus (250)	2	7.7	2			1	26.3	1		
Major cardiovascular diseases (390-448)	82	314.2	80	2		33	868.4	30	2	1
Diseases of the heart (390-398, 402, 404-429)	63	241.4	61	2		28	736.8	26	1	1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						2	52.6	2		
Ischemic heart disease (410-414)	45	172.4	43	2		16	421.1	14	1	1
Other heart diseases (415-429)	18	69.0	18			10	263.2	10		
Hypertension with or without renal disease (401,403)	1	3.8	1			1	26.3	1		
Cerebrovascular disease (430-438)	15	57.5	15			3	78.9	2	1	
Arteriosclerosis (440)	1	3.8	1			1	26.3	1		
Other diseases of arteries, arterioles, and capillaries (441-448)	2	7.7	2							
Pneumonia and influenza (480-487)	4	15.3	4			3	78.9	3		
Chronic obstructive pulmonary disease and allied conditions (490-496)	11	42.1	11			2	52.6	2		
Ulcer of stomach and duodenum (531-533)	2	7.7	2			1	26.3	1		
Chronic liver disease and cirrhosis (571)	2	7.7	2							
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	3.8	1			1	26.3	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	3.8		1						
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						1	26.3	1		
All other diseases (Residual)	14	53.6	14			8	210.5	7	1	
Motor vehicle accidents (E810-E825)	2	7.7	2			1	26.3	1		
All other accidents and adverse effects (E800-E807, E826-E949)	3	11.5	3			1	26.3	1		
Suicide (E950-E959)	3	11.5	3			2	52.6	1		1
Homicide and legal intervention (E960-E978)	2	7.7	2							
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	DRUMRIGHT					DUNCAN				
POPULATION	3,200					22,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	50	1562.5	44	1	5	271	1226.2	239	22	10
Physician in hospital	47	94.0	42	1	4	269	99.3	237	22	10
Physician not in hospital										
Midwife, other, or unknown	3	6.0	2		1	2	.7	2		
Stillbirths						5	18.1	5		
Physician in hospital						5	100.0	5		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	55	1718.8	55			274	1239.8	262	12	
Deaths under 1 year						1	3.7	1		
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	31.3	1			3	13.6	2	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	7	218.8	7			71	321.3	70	1	
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	93.8	3			15	67.9	14	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	62.5	2			26	117.6	26		
Malignant neoplasm of breast (174-175)						7	31.7	7		
Malignant neoplasm of genital organs (179-187)						5	22.6	5		
Malignant neoplasm of urinary organs (188-189)						2	9.0	2		
Leukemia (204-208)						2	9.0	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	2	62.5	2			14	63.3	14		
Diabetes mellitus (250)	1	31.3	1			1	4.5	1		
Major cardiovascular diseases (390-448)	28	875.0	28			136	615.4	130	6	
Diseases of the heart (390-398, 402, 404-429)	20	625.0	20			102	461.5	96	6	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						1	4.5	1		
Ischemic heart disease (410-414)	13	406.3	13			80	362.0	75	5	
Other heart diseases (415-429)	7	218.8	7			21	95.0	20	1	
Hypertension with or without renal disease (401,403)						1	4.5	1		
Cerebrovascular disease (430-438)	8	250.0	8			24	108.6	24		
Arteriosclerosis (440)						6	27.1	6		
Other diseases of arteries, arterioles, and capillaries (441-448)						3	13.6	3		
Pneumonia and influenza (480-487)	4	125.0	4			13	58.8	13		
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	31.3	1			10	45.2	10		
Ulcer of stomach and duodenum (531-533)	2	62.5	2			1	4.5	1		
Chronic liver disease and cirrhosis (571)						2	9.0	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	93.8	3			4	18.1	4		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						4	18.1	4		
All other diseases (Residual)	5	156.3	5			15	67.9	14	1	
Motor vehicle accidents (E810-E825)						1	4.5		1	
All other accidents and adverse effects (E800-E807, E826-E949)	3	93.8	3			8	36.2	6	2	
Suicide (E950-E959)						5	22.6	5		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	DURANT					EDMOND				
POPULATION	13,100					50,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	204	1557.3	171	4	29	901	1777.1	835	40	26
Physician in hospital	204	100.0	171	4	29	881	97.8	818	38	25
Physician not in hospital						3	.3	3		
Midwife, other, or unknown						17	1.9	14	2	1
Stillbirths						9	9.9	8	1	
Physician in hospital						9	100.0	8	1	
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	164	1251.9	155		9	267	526.6	265	1	1
Deaths under 1 year	2	9.8	2			9	10.0	9		
Deaths under 1 month	1	4.9	1			2	2.2	2		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	4	30.5	4			4	7.9	4		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	38	290.1	38			73	144.0	72		1
Malignant neoplasm of digestive organs and peritoneum (150-159)	13	99.2	13			20	39.4	20		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	7	53.4	7			19	37.5	19		
Malignant neoplasm of breast (174-175)	5	38.2	5			11	21.7	10		1
Malignant neoplasm of genital organs (179-187)	3	22.9	3			4	7.9	4		
Malignant neoplasm of urinary organs (188-189)	1	7.6	1			3	5.9	3		
Leukemia (204-208)	1	7.6	1			1	2.0	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	8	61.1	8			15	29.6	15		
Diabetes mellitus (250)	3	22.9	2		1	6	11.8	5	1	
Major cardiovascular diseases (390-448)	79	603.1	75		4	109	215.0	109		
Diseases of the heart (390-398, 402, 404-429)	55	419.8	53		2	77	151.9	77		
Rheumatic fever and rheumatic heart disease (390-398)						3	5.9	3		
Hypertensive heart disease with or without renal disease (402,404)						5	9.9	5		
Ischemic heart disease (410-414)	43	328.2	41		2	32	63.1	32		
Other heart diseases (415-429)	12	91.6	12			37	73.0	37		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	14	106.9	13		1	23	45.4	23		
Arteriosclerosis (440)	9	68.7	9			7	13.8	7		
Other diseases of arteries, arterioles, and capillaries (441-448)	1	7.6			1	2	3.9	2		
Pneumonia and influenza (480-487)	1	7.6	1			8	15.8	8		
Chronic obstructive pulmonary disease and allied conditions (490-496)	7	53.4	7			11	21.7	11		
Ulcer of stomach and duodenum (531-533)						2	3.9	2		
Chronic liver disease and cirrhosis (571)	1	7.6	1			1	2.0	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	7.6	1			1	2.0	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						3	5.9	3		
Certain conditions originating in the perinatal period (760-779)	1	7.6	1			1	2.0	1		
Symptoms, signs, and ill-defined conditions (780-799)	3	22.9	3			6	11.8	6		
All other diseases (Residual)	21	160.3	17		4	26	51.3	26		
Motor vehicle accidents (E810-E825)	2	15.3	2			7	13.8	7		
All other accidents and adverse effects (E800-E807, E826-E949)						2	3.9	2		
Suicide (E950-E959)	2	15.3	2			6	11.8	6		
Homicide and legal intervention (E960-E978)	1	7.6	1							
All other external causes (E980-E999)						1	2.0	1		

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	EL RENO 16,500					ELK CITY 11,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	211	1278.8	169	21	21	166	1395.0	144	7	15
Physician in hospital	205	97.2	165	20	20	166	100.0	144	7	15
Physician not in hospital	1	.5			1					
Midwife, other, or unknown	5	2.4	4	1						
Stillbirths	1	4.7	1			4	23.5	4		
Physician in hospital	1	100.0	1			4	100.0	4		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	152	921.2	148	2	2	135	1134.5	132	2	1
Deaths under 1 year	1	4.7	1			1	6.0	1		
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	12.1	2							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	33	200.0	33			21	176.5	21		
Malignant neoplasm of digestive organs and peritoneum (150-159)	7	42.4	7			6	50.4	6		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	12	72.7	12			8	67.2	8		
Malignant neoplasm of breast (174-175)	2	12.1	2			2	16.8	2		
Malignant neoplasm of genital organs (179-187)	2	12.1	2			2	16.8	2		
Malignant neoplasm of urinary organs (188-189)	1	6.1	1							
Leukemia (204-208)	3	18.2	3							
Other malignant neoplasms (140-149, 170-173, 190-203)	6	36.4	6			3	25.2	3		
Diabetes mellitus (250)	3	18.2	3							
Major cardiovascular diseases (390-448)	66	400.0	64	1	1	75	630.3	72	2	1
Diseases of the heart (390-398, 402, 404-429)	51	309.1	49	1	1	59	495.8	57	2	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)						4	33.6	4		
Ischemic heart disease (410-414)	30	181.8	28	1	1	44	369.7	43	1	
Other heart diseases (415-429)	21	127.3	21			11	92.4	10	1	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	12	72.7	12			16	134.5	15		1
Arteriosclerosis (440)	3	18.2	3							
Other diseases of arteries, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	3	18.2	3			5	42.0	5		
Chronic obstructive pulmonary disease and allied conditions (490-496)	9	54.5	9			4	33.6	4		
Ulcer of stomach and duodenum (531-533)	2	12.1	2			2	16.8	2		
Chronic liver disease and cirrhosis (571)						1	8.4	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	4	24.2	3	1		1	8.4	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	3	18.2	3			3	25.2	3		
All other diseases (Residual)	16	97.0	15		1	11	92.4	11		
Motor vehicle accidents (E810-E825)	3	18.2	3			6	50.4	6		
All other accidents and adverse effects (E800-E807, E826-E949)	3	18.2	3			3	25.2	3		
Suicide (E950-E959)	4	24.2	4			3	25.2	3		
Homicide and legal intervention (E960-E978)	1	6.1	1							
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	ENID 49,800 NUMBER	RATE	WHITE	BLACK	INDIAN	EUFAULA 3,600 NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	713	1431.7	663	42	8	35	972.2	20	8	7
Physician in hospital..........................	706	99.0	657	41	8	35	100.0	20	8	7
Physician not in hospital......................	2	.3	2							
Midwife, other, or unknown.....................	5	.7	4	1						
Stillbirths..	4	5.6	2	1	1	1	27.8		1	
Physician in hospit l..........................	4	100.0	2	1	1	1	100.0		1	
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes..........................	531	1066.3	506	20	5	77	2138.9	64	6	7
Deaths under 1 year............................	7	9.8	6	1						
Deaths under 1 month...........................	4	5.6	4							
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	10	20.1	10			2	55.6	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	111	222.9	105	6		23	638.9	19	1	3
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	23	46.2	21	2		8	222.2	6	1	1
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	34	68.3	33	1		8	222.2	7		1
Malignant neoplasm of breast ....(174-175)	12	24.1	11	1		3	83.3	2		1
Malignant neoplasm of genital organs ....(179-187)	12	24.1	11	1		1	27.8	1		
Malignant neoplasm of urinary organs .(188-189)	3	6.0	3							
Leukemia ....(204-208)	2	4.0	2							
Other malignant neoplasms ....(140-149, 170-173, 190-203)	25	50.2	24	1		3	83.3	3		
Diabetes mellitus ....(250)	15	30.1	13	2		2	55.6	2		
Major cardiovascular diseases ....(390-448)	255	512.0	249	5	1	37	1027.8	30	4	3
Diseases of the heart ....(390-398, 402, 404-429)	190	381.5	188	1	1	28	777.8	22	4	2
Rheumatic fever and rheumatic heart disease ....(390-398)	2	4.0	2							
Hypertensive heart disease with or without renal disease ....(402,404)	4	8.0	4							
Ischemic heart disease ....(410-414)	130	261.0	128	1	1	9	250.0	8	1	
Other heart diseases ....(415-429)	54	108.4	54			19	527.8	14	3	2
Hypertension with or without renal disease ....(401,403)	2	4.0	2							
Cerebrovascular disease ....(430-438)	48	96.4	45	3		6	166.7	5		1
Arteriosclerosis ....(440)	10	20.1	10			1	27.8	1		
Other diseases of arteries, arterioles, and capillaries ....(441-448)	5	10.0	4	1		2	55.6	2		
Pneumonia and influenza ....(480-487)	25	50.2	24	1		1	27.8	1		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	14	28.1	14			3	83.3	3		
Ulcer of stomach and duodenum ....(531-533)	2	4.0	2							
Chronic liver disease and cirrhosis ....(571)	1	2.0	1			1	27.8	1		
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	9	18.1	8	1						
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	3	6.0	3							
Certain conditions originating in the perinatal period ....(760-779)	2	4.0	2							
Symptoms, signs, and ill-defined conditions ....(780-799)	3	6.0	3							
All other diseases ....(Residual)	48	96.4	45	1	2	7	194.4	5	1	1
Motor vehicle accidents ....(E810-E825)	12	24.1	11	1		1	27.8	1		
All other accidents and adverse effects ....(E800-E807, E826-E949)	13	26.1	10	1	2					
Suicide ....(E950-E959)	5	10.0	4	1						
Homicide and legal intervention ....(E960-E978)	3	6.0	2	1						
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	FAIRVIEW 3,200					FORT GIBSON 3,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	30	937.5	30			64	1882.4	40	1	23
Physician in hospital	29	96.7	29			62	96.9	40	1	21
Physician not in hospital										
Midwife, other, or unknown	1	3.3	1			2	3.1			2
Stillbirths	1	32.3	1							
Physician in hospital	1	100.0	1							
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	41	1281.3	41			24	705.9	19		5
Deaths under 1 year	2	66.7	2			1	15.6	1		
Deaths under 1 month	1	33.3	1			1	15.6	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	10	312.5	10			5	147.1	4		1
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	31.3	1							
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	156.3	5			2	58.8	2		
Malignant neoplasm of breast (174-175)	1	31.3	1			1	29.4			1
Malignant neoplasm of genital organs (179-187)	1	31.3	1							
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	2	62.5	2			2	58.8	2		
Diabetes mellitus (250)	3	93.8	3			1	29.4			1
Major cardiovascular diseases (390-448)	20	625.0	20			11	323.5	9		2
Diseases of the heart (390-398, 402, 404-429)	12	375.0	12			9	264.7	8		1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	31.3	1							
Ischemic heart disease (410-414)	9	281.3	9			8	235.3	7		1
Other heart diseases (415-429)	2	62.5	2			1	29.4	1		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	125.0	4			1	29.4	1		
Arteriosclerosis (440)	3	93.8	3			1	29.4			1
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	31.3	1							
Pneumonia and influenza (480-487)	1	31.3	1			3	88.2	3		
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	31.3	1							
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	31.3	1			1	29.4	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	31.3	1			1	29.4	1		
Certain conditions originating in the perinatal period (760-779)	1	31.3	1							
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	2	62.5	2			2	58.8	1		1
Motor vehicle accidents (E810-E825)										
All other accidents and adverse effects (E800-E807, E826-E949)										
Suicide (E950-E959)	1	31.3	1							
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	FREDERICK 5,500					GLENPOOL 5,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	98	1781.8	74	15	9	125	2500.0	108	3	14
Physician in hospital	98	100.0	74	15	9	123	98.4	107	3	13
Physician not in hospital										
Midwife, other, or unknown						2	1.6	1		1
Stillbirths	1	10.1	1			1	7.9	1		
Physician in hospital	1	100.0	1			1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	106	1927.3	92	12	2	9	180.0	6		3
Deaths under 1 year	2	20.4	2							
Deaths under 1 month	1	10.2	1							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	17	309.1	15	2						
Malignant neoplasm of digestive organs and peritoneum (150-159)	7	127.3	7							
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	72.7	3	1						
Malignant neoplasm of breast (174-175)	1	18.2		1						
Malignant neoplasm of genital organs (179-187)	1	18.2	1							
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	4	72.7	4							
Diabetes mellitus (250)	5	90.9	2	3						
Major cardiovascular diseases (390-448)	53	963.6	49	2	2	8	160.0	5		3
Diseases of the heart (390-398, 402, 404-429)	37	672.7	35	1	1	7	140.0	5		2
Rheumatic fever and rheumatic heart disease (390-398)	1	18.2	1							
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	34	618.2	33	1		3	60.0	1		2
Other heart diseases (415-429)	2	36.4	1		1	4	80.0	4		
Hypertension with or without renal disease (401,403)	2	36.4	2							
Cerebrovascular disease (430-438)	11	200.0	9	1	1	1	20.0			1
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	54.5	3							
Pneumonia and influenza (480-487)	5	90.9	4	1						
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	72.7	3	1						
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	18.2	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)	1	18.2	1							
Symptoms, signs, and ill-defined conditions (780-799)	1	18.2		1						
All other diseases (Residual)	9	163.6	9							
Motor vehicle accidents (E810-E825)	3	54.5	2	1						
All other accidents and adverse effects (E800-E807, E826-E949)	2	36.4	2			1	20.0	1		
Suicide (E950-E959)	2	36.4	2							
Homicide and legal intervention (E960-E978)	3	54.5	2	1						
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	GROVE					GUTHRIE				
POPULATION	4,200					12,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	45	1071.4	38		7	153	1264.5	122	27	4
Physician in hospital	43	95.6	38		5	148	96.7	117	27	4
Physician not in hospital										
Midwife, other, or unknown	2	4.4			2	5	3.3	5		
Stillbirths	1	21.7	1			1	6.5	1		
Physician in hospital	1	100.0	1			1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	71	1690.5	64		7	189	1562.0	167	22	
Deaths under 1 year						3	19.6	2	1	
Deaths under 1 month						2	13.1	1	1	
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						6	49.6	5	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	18	428.6	16		2	35	289.3	30	5	
Malignant neoplasm of digestive organs and peritoneum (150-159)	7	166.7	5		2	6	49.6	5	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	71.4	3			14	115.7	13	1	
Malignant neoplasm of breast (174-175)	1	23.8	1			3	24.8	3		
Malignant neoplasm of genital organs (179-187)	1	23.8	1			3	24.8	2	1	
Malignant neoplasm of urinary organs (188-189)	2	47.6	2			2	16.5	2		
Leukemia (204-208)	1	23.8	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	3	71.4	3			7	57.9	5	2	
Diabetes mellitus (250)						1	8.3	1		
Major cardiovascular diseases (390-448)	42	1000.0	39		3	94	776.9	87	7	
Diseases of the heart (390-398, 402, 404-429)	33	785.7	30		3	68	562.0	64	4	
Rheumatic fever and rheumatic heart disease (390-398)	1	23.8	1							
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	22	523.8	22			48	396.7	47	1	
Other heart diseases (415-429)	10	238.1	7		3	20	165.3	17	3	
Hypertension with or without renal disease (401,403)	2	47.6	2							
Cerebrovascular disease (430-438)	6	142.9	6			24	198.3	21	3	
Arteriosclerosis (440)	1	23.8	1			1	8.3	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)						1	8.3	1		
Pneumonia and influenza (480-487)	1	23.8			1	13	107.4	10	3	
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	23.8	1			5	41.3	5		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						3	24.8	2	1	
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	23.8	1			5	41.3	5		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						1	8.3		1	
Certain conditions originating in the perinatal period (760-779)						1	8.3	1		
Symptoms, signs, and ill-defined conditions (780-799)	1	23.8	1			1	8.3	1		
All other diseases (Residual)	5	119.0	4		1	8	66.1	7	1	
Motor vehicle accidents (E810-E825)						2	16.5	2		
All other accidents and adverse effects (E800-E807, E826-E949)						5	41.3	4	1	
Suicide (E950-E959)	2	47.6	2			6	49.6	6		
Homicide and legal intervention (E960-E978)						3	24.8	1	2	
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	GUYMON					HARRAH				
POPULATION	8,700					4,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	98	1126.4	97		1	76	1617.0	70		6
Physician in hospital..........................	98	100.0	97		1	73	96.1	67		6
Physician not in hospital......................										
Midwife, other, or unknown.....................						3	3.9	3		
Stillbirths..	3	29.7	3			1	13.0	1		
Physician in hospital..........................	3	100.0	3			1	100.0	1		
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes...........................	79	908.0	79			38	808.5	38		
Deaths under 1 year............................	3	30.6	3							
Deaths under 1 month...........................										
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)						1	21.3	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	9	103.4	9			11	234.0	11		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	2	23.0	2			2	42.6	2		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	3	34.5	3			3	63.8	3		
Malignant neoplasm of breast ....(174-175)						1	21.3	1		
Malignant neoplasm of genital organs ....(179-187)	1	11.5	1			2	42.6	2		
Malignant neoplasm of urinary organs .(188-189)										
Leukemia ....(204-208)										
Other malignant neoplasms ....(140-149, 170-173, 190-203)	3	34.5	3			3	63.8	3		
Diabetes mellitus ....(250)	1	11.5	1							
Major cardiovascular diseases ....(390-448)	40	459.8	40			14	297.9	14		
Diseases of the heart ....(390-398, 402, 404-429)	33	379.3	33			12	255.3	12		
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	20	229.9	20			6	127.7	6		
Other heart diseases ....(415-429)	13	149.4	13			6	127.7	6		
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	5	57.5	5			2	42.6	2		
Arteriosclerosis ....(440)	2	23.0	2							
Other diseases of arterioes, arterioles, and capillaries ....(441-448)										
Pneumonia and influenza ....(480-487)	6	69.0	6			1	21.3	1		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	3	34.5	3							
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)						1	21.3	1		
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	1	11.5	1							
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	1	11.5	1							
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)						1	21.3	1		
All other diseases ....(Residual)	12	137.9	12			7	148.9	7		
Motor vehicle accidents ....(E810-E825)	4	46.0	4			1	21.3	1		
All other accidents and adverse effects ....(E800-E807, E826-E949)	1	11.5	1							
Suicide ....(E950-E959)	1	11.5	1							
Homicide and legal intervention ....(E960-E978)										
All other external causes ....(E980-E999)						1	21.3	1		

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	HEALDTON					HEAVENER				
POPULATION	3,900					2,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	39	1000.0	35	1	3	49	1750.0	42		7
Physician in hospital	39	100.0	35	1	3	49	100.0	42		7
Physician not in hospital										
Midwife, other, or unknown										
Stillbirths	1	25.0	1							
Physician in hospital	1	100.0	1							
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	43	1102.6	43			45	1607.1	44		1
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	8	205.1	8			8	285.7	8		
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	76.9	3			2	71.4	2		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	102.6	4			3	107.1	3		
Malignant neoplasm of breast (174-175)										
Malignant neoplasm of genital organs (179-187)										
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	1	25.6	1			3	107.1	3		
Diabetes mellitus (250)	2	51.3	2							
Major cardiovascular diseases (390-448)	16	410.3	16			28	1000.0	27		1
Diseases of the heart (390-398, 402, 404-429)	12	307.7	12			23	821.4	22		1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	25.6	1							
Ischemic heart disease (410-414)	10	256.4	10			18	642.9	17		1
Other heart diseases (415-429)	1	25.6	1			5	178.6	5		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	3	76.9	3			4	142.9	4		
Arteriosclerosis (440)						1	35.7	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	25.6	1							
Pneumonia and influenza (480-487)	4	102.6	4			2	71.4	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	25.6	1			1	35.7	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	25.6	1							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						1	35.7	1		
All other diseases (Residual)	4	102.6	4			2	71.4	2		
Motor vehicle accidents (E810-E825)	3	76.9	3			2	71.4	2		
All other accidents and adverse effects (E800-E807, E826-E949)	2	51.3	2							
Suicide (E950-E959)	2	51.3	2							
Homicide and legal intervention (E960-E978)						1	35.7	1		
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	HENRYETTA 6,200					HOBART 4,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	87	1403.2	72	1	14	79	1680.9	55	14	10
Physician in hospital	82	94.3	68	1	13	79	100.0	55	14	10
Physician not in hospital	1	1.1	1							
Midwife, other, or unknown	4	4.6	3		1					
Stillbirths	2	22.5	2							
Physician in hospital	1	50.0	1							
Physician not in hospital	1	50.0	1							
Midwife, other, or unknown										
Total deaths, all causes	118	1903.2	112	4	2	81	1723.4	71	8	2
Deaths under 1 year						1	12.7			1
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	32.3	2			2	42.6	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	29	467.7	28	1		14	297.9	13	1	
Malignant neoplasm of digestive organs and peritoneum (150-159)	9	145.2	8	1		7	148.9	7		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	7	112.9	7							
Malignant neoplasm of breast (174-175)	2	32.3	2			2	42.6	2		
Malignant neoplasm of genital organs (179-187)										
Malignant neoplasm of urinary organs (188-189)	2	32.3	2							
Leukemia (204-208)	2	32.3	2			2	42.6	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	7	112.9	7			3	63.8	2	1	
Diabetes mellitus (250)	1	16.1	1			4	85.1	3	1	
Major cardiovascular diseases (390-448)	62	1000.0	59	2	1	42	893.6	37	4	1
Diseases of the heart (390-398, 402, 404-429)	52	838.7	49	2	1	30	638.3	26	3	1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	16.1	1							
Ischemic heart disease (410-414)	44	709.7	42	1	1	22	468.1	19	2	1
Other heart diseases (415-429)	7	112.9	6	1		8	170.2	7	1	
Hypertension with or without renal disease (401,403)	1	16.1	1							
Cerebrovascular disease (430-438)	7	112.9	7			12	255.3	11	1	
Arteriosclerosis (440)	1	16.1	1							
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	16.1	1							
Pneumonia and influenza (480-487)	8	129.0	7		1	4	85.1	4		
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	64.5	4			3	63.8	2	1	
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						2	42.6	1	1	
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	16.1	1			2	42.6	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	16.1	1			1	21.3			1
All other diseases (Residual)	5	80.6	5			5	106.4	5		
Motor vehicle accidents (E810-E825)	4	64.5	3	1						
All other accidents and adverse effects (E800-E807, E826-E949)										
Suicide (E950-E959)						1	21.3	1		
Homicide and legal intervention (E960-E978)	1	16.1	1			1	21.3	1		
All other external causes (E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	HOLDENVILLE					HOLLIS				
POPULATION	5,000					3,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	65	1300.0	41	2	22	41	1366.7	36	5	
Physician in hospital	65	100.0	41	2	22	41	100.0	36	5	
Physician not in hospital										
Midwife, other, or unknown										
Stillbirths	1	15.2			1					
Physician in hospital	1	100.0			1					
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	97	1940.0	90	2	5	52	1733.3	48	4	
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	20.0	1							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	33	660.0	32	1		4	133.3	4		
Malignant neoplasm of digestive organs and peritoneum (150-159)	8	160.0	7	1						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	12	240.0	12			1	33.3	1		
Malignant neoplasm of breast (174-175)	1	20.0	1							
Malignant neoplasm of genital organs (179-187)	5	100.0	5			1	33.3	1		
Malignant neoplasm of urinary organs (188-189)	1	20.0	1			1	33.3	1		
Leukemia (204-208)	1	20.0	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	5	100.0	5			1	33.3	1		
Diabetes mellitus (250)	4	80.0	3		1	1	33.3	1		
Major cardiovascular diseases (390-448)	45	900.0	41	1	3	32	1066.7	30	2	
Diseases of the heart (390-398, 402, 404-429)	39	780.0	35	1	3	25	833.3	23	2	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	31	620.0	27	1	3	22	733.3	20	2	
Other heart diseases (415-429)	8	160.0	8			3	100.0	3		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	5	100.0	5			7	233.3	7		
Arteriosclerosis (440)	1	20.0	1							
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	4	80.0	4			2	66.7	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	80.0	3		1	1	33.3	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	40.0	2			3	100.0	2	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	4	80.0	4			4	133.3	4		
Motor vehicle accidents (E810-E825)						2	66.7	2		
All other accidents and adverse effects (E800-E807, E826-E949)						1	33.3	1		
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)						2	66.7	1	1	
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	HOMINY					HUGO				
POPULATION	3,100					6,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	42	1354.8	27	1	14	122	1768.1	59	36	27
Physician in hospital	42	100.0	27	1	14	117	95.9	57	36	24
Physician not in hospital										
Midwife, other, or unknown						5	4.1	2		3
Stillbirths	3	66.7	2		1	1	8.1	1		
Physician in hospital	3	100.0	2		1	1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	42	1354.8	36	1	5	99	1434.8	83	13	3
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	2	64.5	2			13	188.4	11	1	1
Malignant neoplasm of digestive organs and peritoneum (150-159)						4	58.0	4		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						4	58.0	3		1
Malignant neoplasm of breast (174-175)	1	32.3	1			1	14.5	1		
Malignant neoplasm of genital organs (179-187)										
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	1	32.3	1			4	58.0	3	1	
Diabetes mellitus (250)	2	64.5	1	1		1	14.5	1		
Major cardiovascular diseases (390-448)	23	741.9	20		3	57	826.1	44	12	1
Diseases of the heart (390-398, 402, 404-429)	15	483.9	14		1	52	753.6	41	10	1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	9	290.3	9			37	536.2	31	5	1
Other heart diseases (415-429)	6	193.5	5		1	15	217.4	10	5	
Hypertension with or without renal disease (401,403)	2	64.5	2							
Cerebrovascular disease (430-438)	3	96.8	2		1	4	58.0	3	1	
Arteriosclerosis (440)	2	64.5	1		1	1	14.5		1	
Other diseases of arteries, arterioles, and capillaries (441-448)	1	32.3	1							
Pneumonia and influenza (480-487)	3	96.8	3			9	130.4	9		
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	96.8	3			5	72.5	5		
Ulcer of stomach and duodenum (531-533)						1	14.5	1		
Chronic liver disease and cirrhosis (571)						1	14.5			1
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	64.5	1		1					
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						2	29.0	2		
All other diseases (Residual)	6	193.5	5		1	7	101.4	7		
Motor vehicle accidents (E810-E825)						1	14.5	1		
All other accidents and adverse effects (E800-E807, E826-E949)	1	32.3	1			1	14.5	1		
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)						1	14.5	1		
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OF 2500 OR MORE, OKLAHOMA, 1987

	IDABEL					JAY				
POPULATION	7,600					2,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	135	1776.3	75	36	24	41	1576.9	15		26
Physician in hospital	126	93.3	70	36	20	36	87.8	15		21
Physician not in hospital										
Midwife, other, or unknown	9	6.7	5		4	5	12.2			5
Stillbirths	2	14.6	1	1						
Physician in hospital	2	100.0	1	1						
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	101	1328.9	77	19	5	43	1653.8	35		8
Deaths under 1 year	3	22.2	1	1	1	1	24.4	1		
Deaths under 1 month	2	14.8	1		1					
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	21	276.3	17	4		8	307.7	7		1
Malignant neoplasm of digestive organs and peritoneum (150-159)	6	78.9	4	2		1	38.5	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	7	92.1	7			3	115.4	3		
Malignant neoplasm of breast (174-175)	2	26.3		2		3	115.4	2		1
Malignant neoplasm of genital organs (179-187)	2	26.3	2							
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)	1	13.2	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	3	39.5	3			1	38.5	1		
Diabetes mellitus (250)						1	38.5			1
Major cardiovascular diseases (390-448)	51	671.1	37	10	4	24	923.1	20		4
Diseases of the heart (390-398, 402, 404-429)	43	565.8	30	10	3	21	807.7	18		3
Rheumatic fever and rheumatic heart disease (390-398)	1	13.2	1							
Hypertensive heart disease with or without renal disease (402,404)						1	38.5	1		
Ischemic heart disease (410-414)	32	421.1	25	4	3	12	461.5	10		2
Other heart diseases (415-429)	10	131.6	4	6		8	307.7	7		1
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	8	105.3	7		1	3	115.4	2		1
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	2	26.3	1	1		2	76.9	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	26.3	2							
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	26.3	2							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)	2	26.3	1		1					
Symptoms, signs, and ill-defined conditions (780-799)	1	13.2		1		2	76.9	1		1
All other diseases (Residual)	9	118.4	8	1		5	192.3	4		1
Motor vehicle accidents (E810-E825)	4	52.6	4			1	38.5	1		
All other accidents and adverse effects (E800-E807, E826-E949)	5	65.8	4	1						
Suicide (E950-E959)	1	13.2	1							
Homicide and legal intervention (E960-E978)	1	13.2		1						
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	JENKS					JONES				
POPULATION	7,300					2,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	127	1739.7	117		10	40	1428.6	36	2	2
Physician in hospital	122	96.1	113		9	40	100.0	36	2	2
Physician not in hospital										
Midwife, other, or unknown	5	3.9	4		1					
Stillbirths	1	7.8	1			1	24.4	1		
Physician in hospital	1	100.0	1			1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	73	1000.0	73			37	1321.4	32	4	1
Deaths under 1 year	1	7.9	1							
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						1	35.7	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	12	164.4	12			7	250.0	3	3	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	54.8	4			4	142.9	1	3	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	54.8	4			1	35.7			1
Malignant neoplasm of breast (174-175)	2	27.4	2							
Malignant neoplasm of genital organs (179-187)						1	35.7	1		
Malignant neoplasm of urinary organs (188-189)	1	13.7	1							
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	1	13.7	1			1	35.7	1		
Diabetes mellitus (250)	2	27.4	2			2	71.4	1	1	
Major cardiovascular diseases (390-448)	44	602.7	44			19	678.6	19		
Diseases of the heart (390-398, 402, 404-429)	29	397.3	29			14	500.0	14		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	18	246.6	18			7	250.0	7		
Other heart diseases (415-429)	11	150.7	11			7	250.0	7		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	7	95.9	7			5	178.6	5		
Arteriosclerosis (440)	7	95.9	7							
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	13.7	1							
Pneumonia and influenza (480-487)	2	27.4	2							
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	54.8	4			1	35.7	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)						1	35.7	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	2	27.4	2							
All other diseases (Residual)	2	27.4	2			3	107.1	3		
Motor vehicle accidents (E810-E825)						2	71.4	2		
All other accidents and adverse effects (E800-E807, E826-E949)	3	41.1	3			1	35.7	1		
Suicide (E950-E959)	1	13.7	1							
Homicide and legal intervention (E960-E978)	1	13.7	1							
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	KINGFISHER 4,800					LAWTON 81,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	77	1604.2	67	3	7	1,918	2341.9	1,338	502	78
Physician in hospital..........................	76	98.7	66	3	7	1,913	99.7	1,335	500	78
Physician not in hospital......................						1	.1		1	
Midwife, other, or unknown.....................	1	1.3	1			4	.2	3	1	
Stillbirths..						16	8.3	9	7	
Physician in hospital..........................						16	100.0	9	7	
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes...........................	66	1375.0	63	2	1	585	714.3	502	75	8
Deaths under 1 year............................						10	5.2	6	4	
Deaths under 1 month...........................						7	3.6	3	4	
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	1	20.8	1			5	6.1	5		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	9	187.5	9			134	163.6	115	16	3
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	1	20.8	1			18	22.0	17	1	
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	2	41.7	2			42	51.3	36	6	
Malignant neoplasm of breast ....(174-175)	3	62.5	3			12	14.7	11	1	
Malignant neoplasm of genital organs ....(179-187)						18	22.0	12	6	
Malignant neoplasm of urinary organs .(188-189)						7	8.5	7		
Leukemia ....(204-208)						6	7.3	5	1	
Other malignant neoplasms ....(140-149, 170-173, 190-203)	3	62.5	3			31	37.9	27	1	3
Diabetes mellitus ....(250)	1	20.8	1			11	13.4	11		
Major cardiovascular diseases ....(390-448)	35	729.2	35			248	302.8	217	30	1
Diseases of the heart ....(390-398, 402, 404-429)	30	625.0	30			202	246.6	177	24	1
Rheumatic fever and rheumatic heart disease ....(390-398)						3	3.7	3		
Hypertensive heart disease with or without renal disease ....(402,404)						4	4.9	4		
Ischemic heart disease ....(410-414)	23	479.2	23			145	177.0	130	15	
Other heart diseases ....(415-429)	7	145.8	7			50	61.1	40	9	1
Hypertension with or without renal disease ....(401,403)						5	6.1	4	1	
Cerebrovascular disease ....(430-438)	1	20.8	1			31	37.9	26	5	
Arteriosclerosis ....(440)	2	41.7	2			3	3.7	3		
Other diseases of arteries, arterioles, and capillaries ....(441-448)	2	41.7	2			7	8.5	7		
Pneumonia and influenza ....(480-487)	3	62.5	2	1		28	34.2	26	2	
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	2	41.7	2			30	36.6	30		
Ulcer of stomach and duodenum ....(531-533)						2	2.4	2		
Chronic liver disease and cirrhosis ....(571)						7	8.5	6	1	
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	2	41.7	2			4	4.9	3	1	
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)						3	3.7	2	1	
Certain conditions originating in the perinatal period ....(760-779)						4	4.9	1	3	
Symptoms, signs, and ill-defined conditions ....(780-799)						3	3.7	3		
All other diseases ....(Residual)	8	166.7	7	1		56	68.4	47	7	2
Motor vehicle accidents ....(E810-E825)	1	20.8	1			13	15.9	8	5	
All other accidents and adverse effects ....(E800-E807, E826-E949)	3	62.5	2		1	16	19.5	14	2	
Suicide ....(E950-E959)	1	20.8	1			11	13.4	9	2	
Homicide and legal intervention ....(E960-E978)						10	12.2	3	5	2
All other external causes ....(E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	LINDSAY					LONE GROVE				
POPULATION	3,600					4,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	40	1111.1	39		1	45	1000.0	39	2	4
Physician in hospital	40	100.0	39		1	44	97.8	38	2	4
Physician not in hospital										
Midwife, other, or unknown						1	2.2	1		
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	34	944.4	34			19	422.2	19		
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						1	22.2	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	7	194.4	7			4	88.9	4		
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	55.6	2			1	22.2	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	1	27.8	1			2	44.4	2		
Malignant neoplasm of breast (174-175)	2	55.6	2							
Malignant neoplasm of genital organs (179-187)	2	55.6	2							
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)						1	22.2	1		
Diabetes mellitus (250)						1	22.2	1		
Major cardiovascular diseases (390-448)	20	555.6	20			9	200.0	9		
Diseases of the heart (390-398, 402, 404-429)	18	500.0	18			7	155.6	7		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	13	361.1	13			6	133.3	6		
Other heart diseases (415-429)	5	138.9	5			1	22.2	1		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	1	27.8	1			1	22.2	1		
Arteriosclerosis (440)	1	27.8	1							
Other diseases of arterioes, arterioles, and capillaries (441-448)						1	22.2	1		
Pneumonia and influenza (480-487)	2	55.6	2							
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	83.3	3							
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	27.8	1							
All other diseases (Residual)										
Motor vehicle accidents (E810-E825)	1	27.8	1			2	44.4	2		
All other accidents and adverse effects (E800-E807, E826-E949)										
Suicide (E950-E959)						1	22.2	1		
Homicide and legal intervention (E960-E978)						1	22.2	1		
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	MADILL					MANGUM				
POPULATION	3,200					3,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	47	1468.8	35	5	7	40	1052.6	31	7	2
Physician in hospital	47	100.0	35	5	7	40	100.0	31	7	2
Physician not in hospital										
Midwife, other, or unknown										
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	58	1812.5	54	3	1	81	2131.6	77	4	
Deaths under 1 year	1	21.3	1							
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						2	52.6	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	15	468.8	14		1	14	368.4	14		
Malignant neoplasm of digestive organs and peritoneum (150-159)	5	156.3	5			6	157.9	6		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	62.5	2			3	78.9	3		
Malignant neoplasm of breast (174-175)	2	62.5	2							
Malignant neoplasm of genital organs (179-187)	2	62.5	2			1	26.3	1		
Malignant neoplasm of urinary organs (188-189)						2	52.6	2		
Leukemia (204-208)	1	31.3			1	1	26.3	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	3	93.8	3			1	26.3	1		
Diabetes mellitus (250)	2	62.5	1	1		2	52.6	2		
Major cardiovascular diseases (390-448)	23	718.8	22	1		35	921.1	35		
Diseases of the heart (390-398, 402, 404-429)	22	687.5	21	1		29	763.2	29		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	31.3	1							
Ischemic heart disease (410-414)	14	437.5	13	1		19	500.0	19		
Other heart diseases (415-429)	7	218.8	7			10	263.2	10		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)						3	78.9	3		
Arteriosclerosis (440)						3	78.9	3		
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	31.3	1							
Pneumonia and influenza (480-487)	4	125.0	4			5	131.6	5		
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	125.0	4			2	52.6	2		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	1	31.3	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	31.3		1		1	26.3		1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	1	31.3	1			1	26.3	1		
All other diseases (Residual)	4	125.0	4			16	421.1	13	3	
Motor vehicle accidents (E810-E825)	2	62.5	2							
All other accidents and adverse effects (E800-E807, E826-E949)						2	52.6	2		
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)						1	26.3	1		
All other external causes (E980-E999)	1	31.3	1							

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	MARIETTA					MARLOW				
POPULATION	2,600					5,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	30	1153.8	23	6	1	58	1160.0	54		4
Physician in hospital...........................	30	100.0	23	6	1	57	98.3	53		4
Physician not in hospital.......................						1	1.7	1		
Midwife, other, or unknown.....................										
Stillbirths..										
Physician in hospital...........................										
Physician not in hospital.......................										
Midwife, other, or unknown.....................										
Total deaths, all causes..........................	42	1615.4	39	2	1	78	1560.0	73		5
Deaths under 1 year.............................	3	100.0	3			2	34.5	2		
Deaths under 1 month............................	2	66.7	2			1	17.2	1		
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)						2	40.0	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	6	230.8	5		1	14	280.0	12		2
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	2	76.9	2			4	80.0	2		2
Malignant neoplasm of respiratory and intrathoracic organs ....(150-165)	2	76.9	1		1	5	100.0	5		
Malignant neoplasm of breast ....(174-175)	1	38.5	1							
Malignant neoplasm of genital organs ....(179-187)						2	40.0	2		
Malignant neoplasm of urinary organs .(188-189)						2	40.0	2		
Leukemia ....(204-208)										
Other malignant neoplasms ....(140-149, 170-173, 190-203)	1	38.5	1			1	20.0	1		
Diabetes mellitus ....(250)	3	115.4	3							
Major cardiovascular diseases ....(390-448)	20	769.2	20			42	840.0	41		1
Diseases of the heart ....(390-398, 402, 404-429)	19	730.8	19			31	620.0	30		1
Rheumatic fever and rheumatic heart disease ....(390-398)						1	20.0	1		
Hypertensive heart disease with or without renal disease ....(402,404)						1	20.0	1		
Ischemic heart disease ....(410-414)	12	461.5	12			22	440.0	21		1
Other heart diseases ....(415-429)	7	269.2	7			7	140.0	7		
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	1	38.5	1			8	160.0	8		
Arteriosclerosis ....(440)						2	40.0	2		
Other diseases of arterioes, arterioles, and capillaries ....(441-448)						1	20.0	1		
Pneumonia and influenza ....(480-487)	2	76.9		2		4	80.0	3		1
Chronic obstructive pulmonary disease and allied conditions ....(490-496)						3	60.0	3		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)										
Nephritis, nephrotic syndrome and nephrosis ....(580-589)						2	40.0	1		1
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)						1	20.0	1		
Certain conditions originating in the perinatal period ....(760-779)	2	76.9	2			1	20.0	1		
Symptoms, signs, and ill-defined conditions ....(780-799)										
All other diseases ....(Residual)	3	115.4	3			8	160.0	8		
Motor vehicle accidents ....(E810-E825)	3	115.4	3							
All other accidents and adverse effects ....(E800-E807, E826-E949)	1	38.5	1			1	20.0	1		
Suicide ....(E950-E959)	2	76.9	2							
Homicide and legal intervention ....(E960-E978)										
All other external causes ....(E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	MCALESTER					MCLOUD				
POPULATION	18,600					6,300				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	209	1123.7	176	15	18	49	777.8	38	1	10
Physician in hospital..........................	207	99.0	176	15	16	49	100.0	38	1	10
Physician not in hospital......................										
Midwife, other, or unknown.....................	2	1.0			2					
Stillbirths..										
Physician in hospital..........................										
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes..........................	249	1338.7	224	16	9	22	349.2	20		2
Deaths under 1 year............................	1	4.8		1		1	20.4	1		
Deaths under 1 month...........................	1	4.8		1		1	20.4	1		
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	3	16.1	2		1					
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	50	268.8	48	1	1	4	63.5	4		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	9	48.4	8		1	2	31.7	2		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	18	96.8	18			1	15.9	1		
Malignant neoplasm of breast ....(174-175)	2	10.8	2							
Malignant neoplasm of genital organs ....(179-187)	3	16.1	3							
Malignant neoplasm of urinary organs .(188-189)	5	26.9	5			1	15.9	1		
Leukemia ....(204-208)	1	5.4	1							
Other malignant neoplasms ....(140-149, 170-173, 190-203)	12	64.5	11	1						
Diabetes mellitus ....(250)	1	5.4	1							
Major cardiovascular diseases ....(390-448)	128	688.2	118	8	2	11	174.6	10		1
Diseases of the heart ....(390-398, 402, 404-429)	100	537.6	94	5	1	7	111.1	6		1
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)	3	16.1	3							
Ischemic heart disease ....(410-414)	72	387.1	66	5	1	4	63.5	4		
Other heart diseases ....(415-429)	25	134.4	25			3	47.6	2		1
Hypertension with or without renal disease ....(401,403)	1	5.4	1							
Cerebrovascular disease ....(430-438)	18	96.8	15	3		3	47.6	3		
Arteriosclerosis ....(440)	7	37.6	6		1					
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	2	10.8	2			1	15.9	1		
Pneumonia and influenza ....(480-487)	11	59.1	10		1	2	31.7	1		1
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	10	53.8	8	2						
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)	4	21.5	2	2						
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	5	26.9	5							
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)						1	15.9	1		
Certain conditions originating in the perinatal period ....(760-779)	1	5.4		1		1	15.9	1		
Symptoms, signs, and ill-defined conditions ....(780-799)						1	15.9	1		
All other diseases ....(Residual)	22	118.3	20		2	1	15.9	1		
Motor vehicle accidents ....(E810-E825)	4	21.5	3	1						
All other accidents and adverse effects ....(E800-E807, E826-E949)	6	32.3	5		1	1	15.9	1		
Suicide ....(E950-E959)	2	10.8	1		1					
Homicide and legal intervention ....(E960-E978)	1	5.4	1							
All other external causes ....(E980-E999)	1	5.4		1						

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	MIAMI 14,000					MIDWEST CITY 53,200				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	177	1264.3	139		38	992	1864.7	761	195	36
Physician in hospital	174	98.3	139		35	967	97.5	741	191	35
Physician not in hospital										
Midwife, other, or unknown	3	1.7			3	25	2.5	20	4	1
Stillbirths						9	9.0	5	4	
Physician in hospital						9	100.0	5	4	
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	196	1400.0	187		9	346	650.4	326	17	3
Deaths under 1 year	3	16.9	3			14	14.1	11	3	
Deaths under 1 month	2	11.3	2			8	8.1	7	1	
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	14.3	2			5	9.4	5		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	41	292.9	38		3	85	159.8	82	2	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	11	78.6	8		3	13	24.4	13		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	9	64.3	9			34	63.9	32	2	
Malignant neoplasm of breast (174-175)	2	14.3	2			7	13.2	7		
Malignant neoplasm of genital organs ?(179-187)	7	50.0	7			6	11.3	6		
Malignant neoplasm of urinary organs (188-189)	3	21.4	3			6	11.3	6		
Leukemia (204-208)	1	7.1	1			2	3.8	2		
Other malignant neoplasms (140-149, 170-173, 190-203)	8	57.1	8			17	32.0	16		1
Diabetes mellitus (250)	4	28.6	3		1	7	13.2	5	1	1
Major cardiovascular diseases (390-448)	90	642.9	87		3	143	268.8	137	6	
Diseases of the heart (390-398, 402, 404-429)	72	514.3	69		3	111	208.6	106	5	
Rheumatic fever and rheumatic heart disease (390-398)	1	7.1	1			1	1.9	1		
Hypertensive heart disease with or without renal disease (402,404)	2	14.3	2			3	5.6	3		
Ischemic heart disease (410-414)	55	392.9	53		2	76	142.9	75	1	
Other heart diseases (415-429)	14	100.0	13		1	31	58.3	27	4	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	12	85.7	12			26	48.9	25	1	
Arteriosclerosis (440)	2	14.3	2			5	9.4	5		
Other diseases of arterioes, arterioles, and capillaries (441-448)	4	28.6	4			1	1.9	1		
Pneumonia and influenza (480-487)	6	42.9	6			12	22.6	11	1	
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	35.7	5			16	30.1	16		
Ulcer of stomach and duodenum (531-533)	2	14.3	2			2	3.8	2		
Chronic liver disease and cirrhosis (571)	1	7.1	1			4	7.5	4		
Nephritis, nephrotic syndrome and nephrosis (580-589)	4	28.6	3		1	4	7.5	4		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	2	14.3	2			4	7.5	3	1	
Certain conditions originating in the perinatal period (760-779)	2	14.3	2			6	11.3	5	1	
Symptoms, signs, and ill-defined conditions (780-799)						6	11.3	5	1	
All other diseases (Residual)	17	121.4	16		1	28	52.6	25	2	1
Motor vehicle accidents (E810-E825)	7	50.0	7			5	9.4	4	1	
All other accidents and adverse effects (E800-E807, E826-E949)	4	28.6	4			4	7.5	3	1	
Suicide (E950-E959)	7	50.0	7			10	18.8	10		
Homicide and legal intervention (E960-E978)	2	14.3	2			3	5.6	3		
All other external causes (E980-E999)						2	3.8	2		

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	MOORE 41,700					MULDROW 3,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	689	1652.3	651	15	23	59	1966.7	39	1	19
Physician in hospital..........................	672	97.5	634	15	23	58	98.3	38	1	19
Physician not in hospital......................	1	.1	1							
Midwife, other, or unknown.....................	16	2.3	16			1	1.7	1		
Stillbirths..	5	7.2	3		2					
Physician in hospital..........................	5	100.0	3		2					
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes..........................	158	378.9	156	1	1	23	766.7	19		4
Deaths under 1 year............................	10	14.5	10							
Deaths under 1 month...........................	4	5.8	4							
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	5	12.0	5							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	31	74.3	31			3	100.0	3		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	10	24.0	10							
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	6	14.4	6							
Malignant neoplasm of breast ....(174-175)	2	4.8	2							
Malignant neoplasm of genital organs ....(179-187)	5	12.0	5			1	33.3	1		
Malignant neoplasm of urinary organs .(188-189)	2	4.8	2							
Leukemia ....(204-208)	3	7.2	3							
Other malignant neoplasms ....(140-149, 170-173, 190-203)	3	7.2	3			2	66.7	2		
Diabetes mellitus ....(250)	3	7.2	3							
Major cardiovascular diseases ....(390-448)	64	153.5	63	1		14	466.7	12		2
Diseases of the heart ....(390-398, 402, 404-429)	49	117.5	48	1		12	400.0	11		1
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)	1	2.4	1			1	33.3	1		
Ischemic heart disease ....(410-414)	29	69.5	29			8	266.7	7		1
Other heart diseases ....(415-429)	19	45.6	18	1		3	100.0	3		
Hypertension with or without renal disease ....(401,403)	1	2.4	1							
Cerebrovascular disease ....(430-438)	11	26.4	11			1	33.3			1
Arteriosclerosis ....(440)	2	4.8	2			1	33.3	1		
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	1	2.4	1							
Pneumonia and influenza ....(480-487)	5	12.0	5							
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	8	19.2	7		1					
Ulcer of stomach and duodenum ....(531-533)	1	2.4	1							
Chronic liver disease and cirrhosis ....(571)										
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	2	4.8	2							
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	5	12.0	5							
Certain conditions originating in the perinatal period ....(760-779)	2	4.8	2							
Symptoms, signs, and ill-defined conditions ....(780-799)	1	2.4	1							
All other diseases ....(Residual)	15	36.0	15			3	100.0	3		
Motor vehicle accidents ....(E810-E825)	5	12.0	5							
All other accidents and adverse effects ....(E800-E807, E826-E949)	1	2.4	1			3	100.0	1		2
Suicide ....(E950-E959)	5	12.0	5							
Homicide and legal intervention ....(E960-E978)	4	9.6	4							
All other external causes ....(E980-E999)	1	2.4	1							

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	MUSKOGEE 41,700					MUSTANG 10,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	585	1402.9	375	129	81	158	1449.5	150		8
Physician in hospital	580	99.1	373	129	78	155	98.1	147		8
Physician not in hospital	1	.2	1							
Midwife, other, or unknown	4	.7	1		3	3	1.9	3		
Stillbirths	11	18.5	5	4	2					
Physician in hospital	10	90.9	4	4	2					
Physician not in hospital	1	9.1	1							
Midwife, other, or unknown										
Total deaths, all causes	529	1268.6	406	110	13	32	293.6	31	1	
Deaths under 1 year	6	10.3	3	2	1	1	6.3	1		
Deaths under 1 month	3	5.1	1	1	1					
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	10	24.0	7	3						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	110	263.8	87	21	2	10	91.7	10		
Malignant neoplasm of digestive organs and peritoneum (150-159)	28	67.1	23	4	1	3	27.5	3		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	34	81.5	27	6	1	3	27.5	3		
Malignant neoplasm of breast (174-175)	5	12.0	4	1						
Malignant neoplasm of genital organs (179-187)	7	16.8	5	2						
Malignant neoplasm of urinary organs (188-189)	6	14.4	5	1						
Leukemia (204-208)	3	7.2	3							
Other malignant neoplasms (140-149, 170-173, 190-203)	27	64.7	20	7		4	36.7	4		
Diabetes mellitus (250)	16	38.4	12	4						
Major cardiovascular diseases (390-448)	247	592.3	182	59	6	9	82.6	9		
Diseases of the heart (390-398, 402, 404-429)	195	467.6	142	47	6	6	55.0	6		
Rheumatic fever and rheumatic heart disease (390-398)	1	2.4		1						
Hypertensive heart disease with or without renal disease (402,404)	5	12.0	2	3						
Ischemic heart disease (410-414)	116	278.2	96	17	3	3	27.5	3		
Other heart diseases (415-429)	73	175.1	44	26	3	3	27.5	3		
Hypertension with or without renal disease (401,403)	2	4.8	2							
Cerebrovascular disease (430-438)	40	95.9	31	9		2	18.3	2		
Arteriosclerosis (440)	5	12.0	5							
Other diseases of arterioes, arterioles, and capillaries (441-448)	5	12.0	2	3		1	9.2	1		
Pneumonia and influenza (480-487)	32	76.7	28	3	1	1	9.2	1		
Chronic obstructive pulmonary disease and allied conditions (490-496)	24	57.6	21	3		1	9.2	1		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)	5	12.0	4		1					
Nephritis, nephrotic syndrome and nephrosis (580-589)	4	9.6	4			2	18.3	2		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	2.4			1	1	9.2	1		
Certain conditions originating in the perinatal period (760-779)	3	7.2	1	2						
Symptoms, signs, and ill-defined conditions (780-799)	2	4.8	2							
All other diseases (Residual)	51	122.3	42	9		3	27.5	3		
Motor vehicle accidents (E810-E825)	6	14.4	3	3						
All other accidents and adverse effects (E800-E807, E826-E949)	8	19.2	7	1		4	36.7	3	1	
Suicide (E950-E959)	5	12.0	3		2	1	9.2	1		
Homicide and legal intervention (E960-E978)	5	12.0	3	2						
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	NEWCASTLE 4,700					NEWKIRK 2,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	56	1191.5	55		1	41	1518.5	33	1	7
Physician in hospital	53	94.6	52		1	40	97.6	32	1	7
Physician not in hospital										
Midwife, other, or unknown	3	5.4	3			1	2.4	1		
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	17	361.7	17			40	1481.5	37	1	2
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	21.3	1							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	5	106.4	5			10	370.4	9		1
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	42.6	2			4	148.1	4		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	63.8	3			1	37.0	1		
Malignant neoplasm of breast (174-175)										
Malignant neoplasm of genital organs (179-187)										
Malignant neoplasm of urinary organs (188-189)						1	37.0	1		
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)						4	148.1	3		1
Diabetes mellitus (250)	1	21.3	1			1	37.0	1		
Major cardiovascular diseases (390-448)	2	42.6	2			20	740.7	18	1	1
Diseases of the heart (390-398, 402, 404-429)	2	42.6	2			13	481.5	11	1	1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	2	42.6	2			10	370.4	9		1
Other heart diseases (415-429)						3	111.1	2	1	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)						6	222.2	6		
Arteriosclerosis (440)						1	37.0	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)						1	37.0	1		
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	42.6	2			2	74.1	2		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)						1	37.0	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						1	37.0	1		
All other diseases (Residual)	3	63.8	3			4	148.1	4		
Motor vehicle accidents (E810-E825)	2	42.6	2							
All other accidents and adverse effects (E800-E807, E826-E949)										
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)	1	21.3	1							
All other external causes (E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	NICHOLS HILLS					NICOMA PARK				
POPULATION	4,000					3,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births						19	633.3	18	1	
Physician in hospital						18	94.7	17	1	
Physician not in hospital						1	5.3	1		
Midwife, other, or unknown										
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	1	25.0	1			17	566.7	17		
Deaths under 1 year						1	52.6	1		
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						2	66.7	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)						5	166.7	5		
Malignant neoplasm of digestive organs and peritoneum (150-159)						1	33.3	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						1	33.3	1		
Malignant neoplasm of breast (174-175)										
Malignant neoplasm of genital organs (179-187)						2	66.7	2		
Malignant neoplasm of urinary organs (188-189)										
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)						1	33.3	1		
Diabetes mellitus (250)										
Major cardiovascular diseases (390-448)	1	25.0	1			4	133.3	4		
Diseases of the heart (390-398, 402, 404-429)	1	25.0	1			2	66.7	2		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	1	25.0	1			2	66.7	2		
Other heart diseases (415-429)										
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)						2	66.7	2		
Arteriosclerosis (440)										
Other diseases of arteries, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)										
Chronic obstructive pulmonary disease and allied conditions (490-496)						1	33.3	1		
Ulcer of stomach and duodenum (531-533)						1	33.3	1		
Chronic liver disease and cirrhosis (571)						1	33.3	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)						2	66.7	2		
Motor vehicle accidents (E810-E825)						1	33.3	1		
All other accidents and adverse effects (E800-E807, E826-E949)										
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	NOBLE					NORMAN				
POPULATION	5,700					77,500				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	105	1842.1	102		3	1,025	1322.6	924	55	46
Physician in hospital	105	100.0	102		3	997	97.3	900	52	45
Physician not in hospital						2	.2	2		
Midwife, other, or unknown						26	2.5	22	3	1
Stillbirths						7	6.8	7		
Physician in hospital						7	100.0	7		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	38	666.7	38			476	614.2	463	5	8
Deaths under 1 year	2	19.0	2			11	10.7	11		
Deaths under 1 month						7	6.8	7		
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	1	17.5	1			9	11.6	8		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	12	210.5	12			106	136.8	103	1	2
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	3	52.6	3			29	37.4	27		2
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	4	70.2	4			36	46.5	36		
Malignant neoplasm of breast ....(174-175)						7	9.0	7		
Malignant neoplasm of genital organs ....(179-187)	1	17.5	1			10	12.9	10		
Malignant neoplasm of urinary organs .(188-189)	1	17.5	1			5	6.5	5		
Leukemia ....(204-208)	1	17.5	1			3	3.9	2	1	
Other malignant neoplasms ....(140-149, 170-173, 190-203)	2	35.1	2			16	20.6	16		
Diabetes mellitus ....(250)	1	17.5	1			7	9.0	7		
Major cardiovascular diseases ....(390-448)	13	228.1	13			195	251.6	189	3	3
Diseases of the heart ....(390-398, 402, 404-429)	13	228.1	13			145	187.1	140	3	2
Rheumatic fever and rheumatic heart disease ....(390-398)						1	1.3	1		
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	11	193.0	11			103	132.9	100	1	2
Other heart diseases ....(415-429)	2	35.1	2			41	52.9	39	2	
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)						43	55.5	42		1
Arteriosclerosis ....(440)						2	2.6	2		
Other diseases of arterioes, arterioles, and capillaries ....(441-448)						5	6.5	5		
Pneumonia and influenza ....(480-487)	3	52.6	3			24	31.0	23	1	
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	1	17.5	1			21	27.1	21		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)						5	6.5	5		
Nephritis, nephrotic syndrome and nephrosis ....(580-589)						4	5.2	4		
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)						1	1.3	1		
Certain conditions originating in the perinatal period ....(760-779)	1	17.5	1			5	6.5	5		
Symptoms, signs, and ill-defined conditions ....(780-799)	1	17.5	1			5	6.5	5		
All other diseases ....(Residual)	2	35.1	2			57	73.5	57		
Motor vehicle accidents ....(E810-E825)	2	35.1	2			9	11.6	8		1
All other accidents and adverse effects ....(E800-E807, E826-E949)	1	17.5	1			15	19.4	14		1
Suicide ....(E950-E959)						7	9.0	7		
Homicide and legal intervention ....(E960-E978)						6	7.7	6		
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	NOWATA 4,100					OKEMAH 3,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	40	975.6	24	4	12	60	1764.7	33	4	23
Physician in hospital..............................	38	95.0	24	4	10	58	96.7	32	4	22
Physician not in hospital..........................										
Midwife, other, or unknown.........................	2	5.0			2	2	3.3	1		1
Stillbirths..										
Physician in hospital..............................										
Physician not in hospital..........................										
Midwife, other, or unknown.........................										
Total deaths, all causes...........................	69	1682.9	65	3	1	66	1941.2	60		6
Deaths under 1 year................................	1	25.0	1			2	33.3	1		1
Deaths under 1 month...............................	1	25.0	1							
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)						1	29.4	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	17	414.6	17			8	235.3	8		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	7	170.7	7			2	58.8	2		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	7	170.7	7			3	88.2	3		
Malignant neoplasm of breast ....(174-175)										
Malignant neoplasm of genital organs ....(179-187)						1	29.4	1		
Malignant neoplasm of urinary organs .(188-189)	1	24.4	1							
Leukemia ....(204-208)						1	29.4	1		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	2	48.8	2			1	29.4	1		
Diabetes mellitus ....(250)										
Major cardiovascular diseases ....(390-448)	37	902.4	36	1		48	1411.8	46		2
Diseases of the heart ....(390-398, 402, 404-429)	27	658.5	26	1		42	1235.3	40		2
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	12	292.7	11	1		31	911.8	30		1
Other heart diseases ....(415-429)	15	365.9	15			11	323.5	10		1
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	7	170.7	7			5	147.1	5		
Arteriosclerosis ....(440)	3	73.2	3							
Other diseases of arterices, arterioles, and capillaries ....(441-448)						1	29.4	1		
Pneumonia and influenza ....(480-487)	4	97.6	2	2						
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	2	48.8	2			2	58.8	1		1
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)						1	29.4	1		
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	1	24.4			1					
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	1	24.4	1			1	29.4	1		
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)	4	97.6	4			2	58.8	1		1
All other diseases ....(Residual)	2	48.8	2			1	29.4	1		
Motor vehicle accidents ....(E810-E825)	1	24.4	1			1	29.4			1
All other accidents and adverse effects ....(E800-E807, E826-E949)										
Suicide ....(E950-E959)										
Homicide and legal intervention ....(E960-E978)						1	29.4			1
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	OKLAHOMA CITY					OKMULGEE				
POPULATION	440,800					15,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	7,108	1612.5	5,266	1,563	279	256	1641.0	136	71	49
Physician in hospital	6,914	97.3	5,124	1,520	270	254	99.2	136	71	47
Physician not in hospital	13	.2	9	3	1					
Midwife, other, or unknown	181	2.5	133	40	8	2	.8			2
Stillbirths	68	9.5	48	19	1	1	3.9	1		
Physician in hospital	67	98.5	48	18	1	1	100.0	1		
Physician not in hospital	1	1.5		1						
Midwife, other, or unknown										
Total deaths, all causes	3,934	892.5	3,302	583	49	214	1371.8	167	34	13
Deaths under 1 year	83	11.7	54	25	4	4	15.6	3		1
Deaths under 1 month	54	7.6	36	16	2	2	7.8	2		
Tuberculosis (010-018)	2	.5	2							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	96	21.8	72	22	2	5	32.1	1	4	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	888	201.5	766	114	8	40	256.4	29	7	4
Malignant neoplasm of digestive organs and peritoneum (150-159)	176	39.9	144	29	3	15	96.2	12	2	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	264	59.9	238	25	1	9	57.7	7	2	
Malignant neoplasm of breast (174-175)	85	19.3	73	12		3	19.2	2	1	
Malignant neoplasm of genital organs (179-187)	85	19.3	75	9	1	8	51.3	4	1	3
Malignant neoplasm of urinary organs (188-189)	38	8.6	35	3						
Leukemia (204-208)	48	10.9	42	5	1					
Other malignant neoplasms (140-149, 170-173, 190-203)	192	43.6	159	31	2	5	32.1	4	1	
Diabetes mellitus (250)	52	11.8	38	12	2	2	12.8	1		1
Major cardiovascular diseases (390-448)	1,720	390.2	1,480	225	15	116	743.6	94	17	5
Diseases of the heart (390-398, 402, 404-429)	1,300	294.9	1,118	173	9	96	615.4	78	13	5
Rheumatic fever and rheumatic heart disease (390-398)	5	1.1	4	1						
Hypertensive heart disease with or without renal disease (402,404)	27	6.1	18	8	1					
Ischemic heart disease (410-414)	812	184.2	712	95	5	81	519.2	68	9	4
Other heart diseases (415-429)	456	103.4	384	69	3	15	96.2	10	4	1
Hypertension with or without renal disease (401,403)	12	2.7	5	7						
Cerebrovascular disease (430-438)	301	68.3	256	39	6	13	83.3	11	2	
Arteriosclerosis (440)	68	15.4	64	4		2	12.8	1	1	
Other diseases of arterioes, arterioles, and capillaries (441-448)	39	8.8	37	2		5	32.1	4	1	
Pneumonia and influenza (480-487)	136	30.9	109	26	1	6	38.5	4	2	
Chronic obstructive pulmonary disease and allied conditions (490-496)	165	37.4	152	12	1	6	38.5	5	1	
Ulcer of stomach and duodenum (531-533)	13	2.9	10	3						
Chronic liver disease and cirrhosis (571)	51	11.6	37	10	4	1	6.4	1		
Nephritis, nephrotic syndrome and nephrosis (580-589)	48	10.9	35	12	1	3	19.2	3		
Complications of pregnancy, childbirth, and the puerperium (630-676)	1	.2		1						
Congenital anomalies (740-759)	20	4.5	16	3	1	1	6.4	1		
Certain conditions originating in the perinatal period (760-779)	42	9.5	28	14		1	6.4	1		
Symptoms, signs, and ill-defined conditions (780-799)	32	7.3	29	2	1	4	25.6	3		1
All other diseases (Residual)	371	84.2	309	57	5	16	102.6	15	1	
Motor vehicle accidents (E810-E825)	59	13.4	38	17	4	2	12.8	2		
All other accidents and adverse effects (E800-E807, E826-E949)	89	20.2	70	19		5	32.1	2	1	2
Suicide (E950-E959)	80	18.1	72	5	3	5	32.1	5		
Homicide and legal intervention (E960-E978)	61	13.8	34	26	1					
All other external causes (E980-E999)	8	1.8	5	3		1	6.4		1	

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 36 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	OWASSO					PAULS VALLEY				
POPULATION	9,900					5,800				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	215	2171.7	189	4	22	93	1603.4	72	9	12
Physician in hospital...........................	213	99.1	187	4	22	93	100.0	72	9	12
Physician not in hospital.......................										
Midwife, other, or unknown.....................	2	.9	2							
Stillbirths..	3	13.8	3							
Physician in hospital...........................	3	100.0	3							
Physician not in hospital.......................										
Midwife, other, or unknown.....................										
Total deaths, all causes..........................	63	636.4	62	1		89	1534.5	82	7	
Deaths under 1 year..............................						1	10.8	1		
Deaths under 1 month.............................						1	10.8	1		
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)						1	17.2	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	12	121.2	11	1		24	413.8	23	1	
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	1	10.1	1			5	86.2	4	1	
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	1	10.1	1			13	224.1	13		
Malignant neoplasm of breast ....(174-175)	1	10.1	1							
Malignant neoplasm of genital organs ....(179-187)	2	20.2	1	1		1	17.2	1		
Malignant neoplasm of urinary organs .(188-189)						1	17.2	1		
Leukemia ....(204-208)	2	20.2	2			1	17.2	1		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	5	50.5	5			3	51.7	3		
Diabetes mellitus ....(250)						2	34.5	1	1	
Major cardiovascular diseases ....(390-448)	31	313.1	31			40	689.7	36	4	
Diseases of the heart ....(390-398, 402, 404-429)	28	282.8	28			30	517.2	28	2	
Rheumatic fever and rheumatic heart disease ....(390-398)	1	10.1	1			1	17.2	1		
Hypertensive heart disease with or without renal disease ....(402,404)	1	10.1	1							
Ischemic heart disease ....(410-414)	12	121.2	12			20	344.8	20		
Other heart diseases ....(415-429)	14	141.4	14			9	155.2	7	2	
Hypertension with or without renal disease ....(401,403)						1	17.2	1		
Cerebrovascular disease ....(430-438)	2	20.2	2			5	86.2	5		
Arteriosclerosis ....(440)						1	17.2	1		
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	1	10.1	1			3	51.7	1	2	
Pneumonia and influenza ....(480-487)	1	10.1	1			2	34.5	2		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	7	70.7	7			1	17.2	1		
Ulcer of stomach and duodenum ....(531-533)						1	17.2	1		
Chronic liver disease and cirrhosis ....(571)										
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	1	10.1	1							
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)										
Certain conditions originating in the perinatal period ....(760-779)						1	17.2	1		
Symptoms, signs, and ill-defined conditions ....(780-799)										
All other diseases ....(Residual)	4	40.4	4			11	189.7	10	1	
Motor vehicle accidents ....(E810-E825)	4	40.4	4							
All other accidents and adverse effects ....(E800-E807, E826-E949)	1	10.1	1			3	51.7	3		
Suicide ....(E950-E959)						2	34.5	2		
Homicide and legal intervention ....(E960-E978)	2	20.2	2							
All other external causes ....(E980-E999)						1	17.2	1		

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	PAWHUSKA					PERRY				
POPULATION	4,700					5,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	56	1191.5	32	3	21	76	1333.3	67	7	2
Physician in hospital	56	100.0	32	3	21	76	100.0	67	7	2
Physician not in hospital										
Midwife, other, or unknown										
Stillbirths						1	13.0	1		
Physician in hospital						1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	53	1127.7	40	4	9	103	1807.0	101	1	1
Deaths under 1 year						1	13.2			1
Deaths under 1 month						1	13.2			1
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	12	255.3	9	2	1	20	350.9	20		
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	42.6	2			6	105.3	6		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	63.8	2	1		8	140.4	8		
Malignant neoplasm of breast (174-175)	1	21.3		1		2	35.1	2		
Malignant neoplasm of genital organs (179-187)	2	42.6	1		1	2	35.1	2		
Malignant neoplasm of urinary organs (188-189)	1	21.3	1							
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	3	63.8	3			2	35.1	2		
Diabetes mellitus (250)	1	21.3	1			1	17.5	1		
Major cardiovascular diseases (390-448)	33	702.1	23	2	8	65	1140.4	64	1	
Diseases of the heart (390-398, 402, 404-429)	29	617.0	21	1	7	50	877.2	49	1	
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	21.3	1			1	17.5	1		
Ischemic heart disease (410-414)	16	340.4	10	1	5	29	504.8	29		
Other heart diseases (415-429)	12	255.3	10		2	20	350.9	19	1	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	3	63.8	2		1	9	157.9	9		
Arteriosclerosis (440)	1	21.3		1		1	17.5	1		
Other diseases of arterioes, arterioles, and capillaries (441-448)						5	87.7	5		
Pneumonia and influenza (480-487)						2	35.1	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	42.6	2			3	52.6	3		
Ulcer of stomach and duodenum (531-533)						1	17.5	1		
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)						5	87.7	5		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)						1	17.5			1
All other diseases (Residual)	3	63.8	3			5	87.7	5		
Motor vehicle accidents (E810-E825)										
All other accidents and adverse effects (E800-E807, E826-E949)										
Suicide (E950-E959)	1	21.3	1							
Homicide and legal intervention (E960-E978)	1	21.3	1							
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	PIEDMONT					POCOLA				
POPULATION	2,800					4,400				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	38	1357.1	38			43	977.3	41	1	1
Physician in hospital..............................	35	92.1	35			43	100.0	41	1	1
Physician not in hospital..........................										
Midwife, other, or unknown.........................	3	7.9	3							
Stillbirths..										
Physician in hospital..............................										
Physician not in hospital..........................										
Midwife, other, or unknown.........................										
Total deaths, all causes...........................	9	321.4	9			23	522.7	22	1	
Deaths under 1 year................................	1	26.3	1							
Deaths under 1 month...............................	1	26.3	1							
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	3	107.1	3			8	181.8	7	1	
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	1	35.7	1			2	45.5	1	1	
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	1	35.7	1			3	68.2	3		
Malignant neoplasm of breast ....(174-175)										
Malignant neoplasm of genital organs ....(179-187)										
Malignant neoplasm of urinary organs .(188-189)										
Leukemia ....(204-208)						1	22.7	1		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	1	35.7	1			2	45.5	2		
Diabetes mellitus ....(250)						1	22.7	1		
Major cardiovascular diseases ....(390-448)	4	142.9	4			9	204.5	9		
Diseases of the heart ....(390-398, 402, 404-429)	4	142.9	4			8	181.8	8		
Rheumatic fever and rheumatic heart disease ....(390-398)						1	22.7	1		
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	2	71.4	2			4	90.9	4		
Other heart diseases ....(415-429)	2	71.4	2			3	68.2	3		
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)						1	22.7	1		
Arteriosclerosis ....(440)										
Other diseases of arterioes, arterioles, and capillaries ....(441-448)										
Pneumonia and influenza ....(480-487)						1	22.7	1		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)						1	22.7	1		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)						1	22.7	1		
Nephritis, nephrotic syndrome and nephrosis ....(580-589)						1	22.7	1		
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	1	35.7	1							
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)										
All other diseases ....(Residual)						1	22.7	1		
Motor vehicle accidents ....(E810-E825)	1	35.7	1							
All other accidents and adverse effects ....(E800-E807, E826-E949)										
Suicide ....(E950-E959)										
Homicide and legal intervention ....(E960-E978)										
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	PONCA CITY 27,900					POTEAU 7,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	451	1616.5	388	15	48	100	1315.8	91	1	8
Physician in hospital	449	99.6	386	15	48	100	100.0	91	1	8
Physician not in hospital										
Midwife, other, or unknown	2	.4	2							
Stillbirths	6	13.1	6			1	9.9	1		
Physician in hospital	6	100.0	6			1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	331	1186.4	306	12	13	77	1013.2	77		
Deaths under 1 year	5	11.1	4		1	1	10.0	1		
Deaths under 1 month	2	4.4	2			1	10.0	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	4	14.3	4							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	82	293.9	78	3	1	16	210.5	16		
Malignant neoplasm of digestive organs and peritoneum (150-159)	24	86.0	22	1	1	3	39.5	3		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	24	86.0	24			7	92.1	7		
Malignant neoplasm of breast (174-175)	6	21.5	6			2	26.3	2		
Malignant neoplasm of genital organs (179-187)	9	32.3	8	1		2	26.3	2		
Malignant neoplasm of urinary organs (188-189)	1	3.6	1			2	26.3	2		
Leukemia (204-208)	5	17.9	4	1						
Other malignant neoplasms (140-149, 170-173, 190-203)	13	46.6	13							
Diabetes mellitus (250)	8	28.7	6	1	1					
Major cardiovascular diseases (390-448)	160	573.5	148	5	7	37	486.8	37		
Diseases of the heart (390-398, 402, 404-429)	109	390.7	100	4	5	32	421.1	32		
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	2	7.2	2			1	13.2	1		
Ischemic heart disease (410-414)	84	301.1	77	3	4	26	342.1	26		
Other heart diseases (415-429)	23	82.4	21	1	1	5	65.8	5		
Hypertension with or without renal disease (401,403)	1	3.6	1							
Cerebrovascular disease (430-438)	36	129.0	34		2	3	39.5	3		
Arteriosclerosis (440)	9	32.3	8	1		1	13.2	1		
Other diseases of arteries, arterioles, and capillaries (441-448)	5	17.9	5			1	13.2	1		
Pneumonia and influenza (480-487)	8	28.7	7	1		3	39.5	3		
Chronic obstructive pulmonary disease and allied conditions (490-496)	10	35.8	10			3	39.5	3		
Ulcer of stomach and duodenum (531-533)	2	7.2	2							
Chronic liver disease and cirrhosis (571)	2	7.2	1		1					
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	10.8	3							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	3	10.8	3							
Certain conditions originating in the perinatal period (760-779)	2	7.2	2			1	13.2	1		
Symptoms, signs, and ill-defined conditions (780-799)	4	14.3	4			1	13.2	1		
All other diseases (Residual)	25	89.6	23	1	1	10	131.6	10		
Motor vehicle accidents (E810-E825)	3	10.8	3							
All other accidents and adverse effects (E800-E807, E826-E949)	6	21.5	5	1		3	39.5	3		
Suicide (E950-E959)	7	25.1	6		1	3	39.5	3		
Homicide and legal intervention (E960-E978)	1	3.6			1					
All other external causes (E980-E999)	1	3.6	1							

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	PRAGUE					PRYOR				
POPULATION	2,600					8,300				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	32	1230.8	30		2	110	1325.3	72		38
Physician in hospital............................	32	100.0	30		2	105	95.5	72		33
Physician not in hospital........................										
Midwife, other, or unknown.......................						5	4.5			5
Stillbirths..						2	17.9	2		
Physician in hospital............................						2	100.0	2		
Physician not in hospital........................										
Midwife, other, or unknown.......................										
Total deaths, all causes...........................	40	1538.5	38	1	1	134	1614.5	131		3
Deaths under 1 year.............................						2	18.2	2		
Deaths under 1 month............................										
Tuberculosis ....(010-018)						1	12.0	1		
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	4	153.8	4			29	349.4	28		1
Malignant neoplasm of digestive organs and peritoneum ....(150-159)						4	48.2	4		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)						11	132.5	11		
Malignant neoplasm of breast ....(174-175)						2	24.1	2		
Malignant neoplasm of genital organs ....(179-187)	1	38.5	1			5	72.3	5		1
Malignant neoplasm of urinary organs .(188-189)										
Leukemia ....(204-208)						1	12.0	1		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	3	115.4	3			5	60.2	5		
Diabetes mellitus ....(250)	1	38.5			1	1	12.0	1		
Major cardio ascular diseases ....(390-448)	27	1038.5	26	1		67	807.2	66		1
Diseases of the heart ....(390-398, 402, 404-429)	24	923.1	23	1		51	614.5	50		1
Rheumatic fever and rheumatic heart disease ....(390-398)						1	12.0	1		
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	22	846.2	22			40	481.9	40		
Other heart diseases ....(415-429)	2	76.9	1	1		10	120.5	9		1
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	2	76.9	2			13	156.6	13		
Arteriosclerosis ....(440)						2	24.1	2		
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	1	38.5	1			1	12.0	1		
Pneumonia and influenza ....(480-487)						3	36.1	3		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)						6	72.3	6		
Ulcer of stomach and duodenum ....(531-533)	1	38.5	1							
Chronic liver disease and cirrhosis ....(571)										
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	1	38.5	1			5	60.2	5		
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	1	38.5	1			1	12.0	1		
Certain conditions originating in the perinatal period .... (760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)										
All other diseases ....(Residual)	3	115.4	3			12	144.6	11		1
Motor vehicle accidents ....(E810-E825)						1	12.0	1		
All other accidents and adverse effects ....(E800-E807, E826-E949)	1	38.5	1			5	60.2	5		
Suicide ....(E950-E959)						2	24.1	2		
Homicide and legal intervention ....(E960-E978)	1	38.5	1			1	12.0	1		
All other external causes ....(E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	PURCELL 4,900					SALLISAW 7,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	60	1224.5	55	4	1	123	1597.4	84	2	37
Physician in hospital...........................	58	96.7	53	4	1	119	96.7	82	2	35
Physician not in hospital.......................						1	.8	1		
Midwife, other, or unknown.....................	2	3.3	2			3	2.4	1		2
Stillbirths..						1	8.1	1		
Physician in hospital...........................						1	100.0	1		
Physician not in hospital.......................										
Midwife, other, or unknown.....................										
Total deaths, all causes...........................	69	1408.2	66	2	1	90	1168.8	79	1	10
Deaths under 1 year.............................						3	24.4	3		
Deaths under 1 month............................										
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)						1	13.0			1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	14	285.7	14			15	194.8	12		3
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	3	61.2	3			4	51.9	2		2
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	6	122.4	6			8	103.9	8		
Malignant neoplasm of breast ....(174-175)										
Malignant neoplasm of genital organs ....(179-187)	3	61.2	3							
Malignant neoplasm of urinary organs .(188-189)	1	20.4	1							
Leukemia ....(204-208)										
Other malignant neoplasms ....(140-149, 170-173, 190-203)	1	20.4	1			3	39.0	2		1
Diabetes mellitus ....(250)	2	40.8	2			2	26.0	1		1
Major cardiovascular diseases ....(390-448)	34	693.9	32	2		42	545.5	39	1	2
Diseases of the heart ....(390-398, 402, 404-429)	29	591.8	28	1		30	389.6	28	1	1
Rheumatic fever and rheumatic heart disease ....(390-398)						1	13.0	1		
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	20	408.2	19	1		23	298.7	21	1	1
Other heart diseases ....(415-429)	9	183.7	9			6	77.9	6		
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	3	61.2	2	1		10	129.9	10		
Arteriosclerosis ....(440)	1	20.4	1			1	13.0	1		
Other diseases of arterices, arterioles, and capillaries ....(441-448)	1	20.4	1			1	13.0			1
Pneumonia and influenza ....(480-487)	5	102.0	5			8	103.9	8		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	3	61.2	2		1	5	64.9	5		
Ulcer of stomach and duodenum ....(531-533)						1	13.0	1		
Chronic liver disease and cirrhosis ....(571)										
Nephritis, nephrotic syndrome and nephrosis ....(580-589)						1	13.0	1		
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)										
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)						4	51.9	4		
All other diseases ....(Residual)	11	224.5	11			5	64.9	4		1
Motor vehicle accidents ....(E810-E825)						2	26.0	2		
All other accidents and adverse effects ....(E800-E807, E826-E949)						3	39.0	2		1
Suicide ....(E950-E959)						1	13.0			1
Homicide and legal intervention ....(E960-E978)										
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	SAND SPRINGS					SAPULPA				
POPULATION	14,900					20,000				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	231	1550.3	213	5	13	283	1415.0	225	22	36
Physician in hospital...........................	226	97.8	209	5	12	254	89.8	202	18	34
Physician not in hospital.......................										
Midwife, other, or unknown......................	5	2.2	4		1	29	10.2	23	4	2
Stillbirths..	2	8.6	2							
Physician in hospital...........................	2	100.0	2							
Physician not in hospital.......................										
Midwife, other, or unknown......................										
Total deaths, all causes...........................	134	899.3	126	7	1	196	980.0	184	9	3
Deaths under 1 year..............................	2	8.7	2			1	3.5	1		
Deaths under 1 month.............................	1	4.3	1							
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	3	20.1	2	1		4	20.0	2	1	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	25	167.8	25			46	230.0	44	2	
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	4	26.8	4			11	55.0	11		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	6	40.3	6			12	60.0	12		
Malignant neoplasm of breast ....(174-175)	4	26.8	4			3	15.0	3		
Malignant neoplasm of genital organs ....(179-187)	3	20.1	3			7	35.0	5	2	
Malignant neoplasm of urinary organs .(188-189)	1	6.7	1			1	5.0	1		
Leukemia ....(204-208)						3	15.0	3		
Other malignant neoplasms ....(140-149, 170-173, 190-203)	7	47.0	7			9	45.0	9		
Diabetes mellitus ....(250)	3	20.1	3			2	10.0	2		
Major cardiovascular diseases ....(390-448)	72	483.2	65	6	1	101	505.0	96	4	1
Diseases of the heart ....(390-398, 402, 404-429)	51	342.3	48	3		77	385.0	72	4	1
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)						2	10.0	1		1
Ischemic heart disease ....(410-414)	41	275.2	39	2		57	285.0	55	2	
Other heart diseases ....(415-429)	10	67.1	9	1		18	90.0	16	2	
Hypertension with or without renal disease ....(401,403)	2	13.4	1	1						
Cerebrovascular disease ....(430-438)	10	67.1	10			23	115.0	23		
Arteriosclerosis ....(440)	5	33.6	3	2		1	5.0	1		
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	4	26.8	3		1					
Pneumonia and influenza ....(480-487)	4	26.8	4			5	25.0	5		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	3	20.1	3			10	50.0	9	1	
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)	2	13.4	2							
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	1	6.7	1			5	25.0	4	1	
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)										
Certain conditions originating in the perinatal period ....(760-779)	1	6.7	1							
Symptoms, signs, and ill-defined conditions ....(780-799)	1	6.7	1			1	5.0	1		
All other diseases ....(Residual)	10	67.1	10			11	55.0	11		
Motor vehicle accidents ....(E810-E825)	2	13.4	2			3	15.0	2		1
All other accidents and adverse effects ....(E800-E807, E826-E949)	2	13.4	2			3	15.0	3		
Suicide ....(E950-E959)	4	26.8	4			5	25.0	5		
Homicide and legal intervention ....(E960-E978)	1	6.7	1							
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	SAYRE 3,200					SEMINOLE 8,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	31	968.8	31			102	1146.1	67	6	29
Physician in hospital	31	100.0	31			102	100.0	67	6	29
Physician not in hospital										
Midwife, other, or unknown										
Stillbirths	2	60.6			2	1	9.7	1		
Physician in hospital	2	100.0			2	1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	72	2250.0	72			105	1179.8	98	5	2
Deaths under 1 year						3	29.4	3		
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	62.5	2			3	33.7	3		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	12	375.0	12			23	258.4	21	2	
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	125.0	4			9	101.1	7	2	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	125.0	4			4	44.9	4		
Malignant neoplasm of breast (174-175)	1	31.3	1			1	11.2	1		
Malignant neoplasm of genital organs (179-187)	1	31.3	1			3	33.7	3		
Malignant neoplasm of urinary organs (188-189)	1	31.3	1			1	11.2	1		
Leukemia (204-208)						1	11.2	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	1	31.3	1			4	44.9	4		
Diabetes mellitus (250)						1	11.2	1		
Major cardiovascular diseases (390-448)	40	1250.0	40			52	584.3	50		2
Diseases of the heart (390-398, 402, 404-429)	32	1000.0	32			46	516.9	44		2
Rheumatic fever and rheumatic heart disease (390-398)						1	11.2	1		
Hypertensive heart disease with or without renal disease (402,404)						1	11.2	1		
Ischemic heart disease (410-414)	13	406.3	13			33	370.8	31		2
Other heart diseases (415-429)	19	593.8	19			11	123.6	11		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	7	218.8	7			5	56.2	5		
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	31.3	1			1	11.2	1		
Pneumonia and influenza (480-487)						4	44.9	4		
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	31.3	1			2	22.5	2		
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	62.5	2			10	112.4	9	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						1	11.2	1		
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)	8	250.0	8			2	22.5	2		
All other diseases (Residual)	5	156.3	5			5	56.2	4	1	
Motor vehicle accidents (E810-E825)	1	31.3	1			1	11.2		1	
All other accidents and adverse effects (E800-E807, E826-E949)	1	31.3	1							
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)						1	11.2	1		
All other external causes (E980-E999)										

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	SHAWNEE					SKIATOOK				
POPULATION	27,200					4,300				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	402	1477.9	293	19	90	80	1860.5	63		17
Physician in hospital	398	99.0	289	19	90	78	97.5	63		15
Physician not in hospital										
Midwife, other, or unknown	4	1.0	4			2	2.5			2
Stillbirths	3	7.4	3			1	12.3	1		
Physician in hospital	3	100.0	3			1	100.0	1		
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	360	1323.5	337	10	13	45	1046.5	43		2
Deaths under 1 year	7	17.4	4	2	1					
Deaths under 1 month	1	2.5	1							
Tuberculosis (010-018)	1	3.7			1					
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	4	14.7	4			2	46.5	2		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	82	301.5	78	2	2	7	162.8	7		
Malignant neoplasm of digestive organs and peritoneum (150-159)	23	84.6	22		1					
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	25	91.9	23	1	1	3	69.8	3		
Malignant neoplasm of breast (174-175)	3	11.0	3			1	23.3	1		
Malignant neoplasm of genital organs (179-187)	8	29.4	8			2	46.5	2		
Malignant neoplasm of urinary organs (188-189)	2	7.4	2							
Leukemia (204-208)	4	14.7	4			1	23.3	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	17	62.5	16	1						
Diabetes mellitus (250)	6	22.1	5		1	1	23.3	1		
Major cardiovascular diseases (390-448)	165	606.6	158	4	3	21	488.4	20		1
Diseases of the heart (390-398, 402, 404-429)	128	470.6	121	4	3	18	418.6	17		1
Rheumatic fever and rheumatic heart disease (390-398)	2	7.4	2							
Hypertensive heart disease with or without renal disease (402,404)	1	3.7	1			1	23.3	1		
Ischemic heart disease (410-414)	100	367.6	95	2	3	12	279.1	11		1
Other heart diseases (415-429)	25	91.9	23	2		5	116.3	5		
Hypertension with or without renal disease (401,403)	1	3.7	1							
Cerebrovascular disease (430-438)	30	110.3	30			3	69.8	3		
Arteriosclerosis (440)										
Other diseases of arterioes, arterioles, and capillaries (441-448)	6	22.1	6							
Pneumonia and influenza (480-487)	35	128.7	34	1		2	46.5	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	14	51.5	14			4	93.0	4		
Ulcer of stomach and duodenum (531-533)	1	3.7	1							
Chronic liver disease and cirrhosis (571)	1	3.7	1							
Nephritis, nephrotic syndrome and nephrosis (580-589)	5	18.4	5			1	23.3	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)	3	11.0	2	1						
Symptoms, signs, and ill-defined conditions (780-799)	3	11.0	2		1	1	23.3	1		
All other diseases (Residual)	19	69.9	15	1	3	2	46.5	2		
Motor vehicle accidents (E810-E825)	8	29.4	7		1	3	69.8	2		1
All other accidents and adverse effects (E800-E807, E826-E949)	9	33.1	8		1	1	23.3	1		
Suicide (E950-E959)	3	11.0	3							
Homicide and legal intervention (E960-E978)	1	3.7		1						
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	SPENCER 4,800					STIGLER 2,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	147	3062.5	40	105	2	41	1576.9	30		11
Physician in hospital..........................	144	98.0	38	104	2	40	97.6	30		10
Physician not in hospital......................	1	.7	1							
Midwife, other, or unknown......................	2	1.4	1	1		1	2.4			1
Stillbirths..	1	6.8	1							
Physician in hospital..........................	1	100.0	1							
Physician not in hospital......................										
Midwife, other, or unknown......................										
Total deaths, all causes..........................	72	1500.0	18	54		44	1692.3	43		1
Deaths under 1 year............................	3	20.4	1	2						
Deaths under 1 month...........................	3	20.4	1	2						
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	19	395.8	4	15		9	346.2	9		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	7	145.8	2	5		2	76.9	2		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	4	83.3	1	3		1	38.5	1		
Malignant neoplasm of breast ....(174-175)	1	20.8		1		1	38.5	1		
Malignant neoplasm of genital organs ....(179-187)	4	83.3		4		1	38.5	1		
Malignant neoplasm of urinary organs .(188-189)	1	20.8		1						
Leukemia ....(204-208)										
Other malignant neoplasms ....(140-149, 170-173, 190-203)	2	41.7	1	1		4	153.8	4		
Diabetes mellitus ....(250)										
Major cardiovascular diseases ....(390-448)	26	541.7	6	20		25	961.5	24		1
Diseases of the heart ....(390-398, 402, 404-429)	19	395.8	5	14		20	769.2	19		1
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)	2	41.7		2						
Ischemic heart disease ....(410-414)	12	250.0	3	9		14	538.5	14		
Other heart diseases ....(415-429)	5	104.2	2	3		6	230.8	5		1
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	7	145.8	1	6		3	115.4	3		
Arteriosclerosis ....(440)										
Other diseases of arterioes, arterioles, and capillaries ....(441-448)						2	76.9	2		
Pneumonia and influenza ....(480-487)	2	41.7	1	1		6	230.8	6		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	3	62.5	1	2						
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)	2	41.7	2							
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	1	20.8		1						
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	1	20.8		1						
Certain conditions originating in the perinatal period ....(760-779)	2	41.7	1	1						
Symptoms, signs, and ill-defined conditions ....(780-799)										
All other diseases ....(Residual)	8	166.7	2	6		2	76.9	2		
Motor vehicle accidents ....(E810-E825)	3	62.5		3						
All other accidents and adverse effects ....(E800-E807, E826-E949)	2	41.7		2		2	76.9	2		
Suicide ....(E950-E959)	1	20.8	1							
Homicide and legal intervention ....(E960-E978)	2	41.7		2						
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	STILLWATER 36,300					STROUD 3,200				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	420	1157.0	380	27	13	34	1062.5	30	1	3
Physician in hospital..........................	414	98.6	375	26	13	34	100.0	30	1	3
Physician not in hospital......................	1	.2		1						
Midwife, other, or unknown....................	5	1.2	5							
Stillbirths..	1	2.4	1							
Physician in hospital..........................	1	100.0	1							
Physician not in hospital......................										
Midwife, other, or unknown....................										
Total deaths, all causes..........................	209	575.8	201	7	1	39	1218.8	33	5	1
Deaths under 1 year............................	2	4.8	2							
Deaths under 1 month...........................	2	4.8	2							
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	1	2.8	1			1	31.3	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	41	112.9	39	2		11	343.8	9	2	
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	13	35.8	13							
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	10	27.5	9	1		5	156.3	5		
Malignant neoplasm of breast ....(174-175)	2	5.5	2			2	62.5		2	
Malignant neoplasm of genital organs ....(179-187)	4	11.0	4							
Malignant neoplasm of urinary organs .(188-189)	1	2.8	1							
Leukemia ....(204-208)	2	5.5	2							
Other malignant neoplasms ....(140-149, 170-173, 190-203)	9	24.8	8	1		4	125.0	4		
Diabetes mellitus ....(250)	3	8.3	2	1						
Major cardiovascular diseases ....(390-448)	111	305.8	107	4		19	593.8	17	1	1
Diseases of the heart ....(390-398, 402, 404-429)	79	217.6	77	2		14	437.5	12	1	1
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	63	173.6	61	2		12	375.0	10	1	1
Other heart diseases ....(415-429)	16	44.1	16			2	62.5	2		
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	26	71.6	25	1		5	156.3	5		
Arteriosclerosis ....(440)	1	2.8	1							
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	5	13.8	4	1						
Pneumonia and influenza ....(480-487)	10	27.5	10			4	125.0	2	2	
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	8	22.0	8							
Ulcer of stomach and duodenum ....(531-533)	1	2.8	1							
Chronic liver disease and cirrhosis ....(571)	2	5.5	2							
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	2	5.5	2							
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	1	2.8	1							
Certain conditions originating in the perinatal period ....(760-779)	1	2.8	1							
Symptoms, signs, and ill-defined conditions ....(780-799)	1	2.8	1							
All other diseases ....(Residual)	13	35.8	12		1	3	93.8	3		
Motor vehicle accidents ....(E810-E825)	3	8.3	3			1	31.3	1		
All other accidents and adverse effects ....(E800-E807, E826-E949)	3	8.3	3							
Suicide ....(E950-E959)	4	11.0	4							
Homicide and legal intervention ....(E960-E978)	4	11.0	4							
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	SULPHUR 5,400 NUMBER	RATE	WHITE	BLACK	INDIAN	TAHLEQUAH 12,800 NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	48	888.9	38	1	9	180	1406.3	84	2	94
Physician in hospital	48	100.0	38	1	9	169	93.9	82	2	85
Physician not in hospital										
Midwife, other, or unknown						11	6.1	2		9
Stillbirths						1	5.5		1	
Physician in hospital						1	100.0		1	
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	89	1648.1	89			134	1046.9	116		18
Deaths under 1 year										
Deaths under 1 month										
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						3	23.4	2		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	21	388.9	21			25	195.3	21		4
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	55.6	3			7	54.7	6		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	8	148.1	8			4	31.3	3		1
Malignant neoplasm of breast (174-175)						2	15.6	2		
Malignant neoplasm of genital organs (179-187)						2	15.6	2		
Malignant neoplasm of urinary organs (188-189)	1	18.5	1							
Leukemia (204-208)	1	18.5	1			3	23.4	2		1
Other malignant neoplasms (140-149, 170-173, 190-203)	8	148.1	8			7	54.7	6		1
Diabetes mellitus (250)										
Major cardiovascular diseases (390-448)	47	870.4	47			66	515.6	59		7
Diseases of the heart (390-398, 402, 404-429)	38	703.7	38			42	328.1	37		5
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)	1	18.5	1							
Ischemic heart disease (410-414)	25	463.0	25			33	257.8	29		[illegible]
Other heart diseases (415-429)	12	222.2	12			9	70.3	8		1
Hypertension with or without renal disease (401,403)	1	18.5	1							
Cerebrovascular disease (430-438)	7	129.6	7			14	109.4	12		2
Arteriosclerosis (440)	1	18.5	1			7	54.7	7		
Other diseases of arterioes, arterioles, and capillaries (441-448)						3	23.4	3		
Pneumonia and influenza (480-487)	5	92.6	5			3	23.4	3		
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	92.6	5			4	31.3	4		
Ulcer of stomach and duodenum (531-533)						2	15.6	2		
Chronic liver disease and cirrhosis (571)						2	15.6	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)						1	7.8	1		
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)						1	7.8	1		
Certain conditions originating in the perinatal period (760-779)										
Symptoms, signs, and ill-defined conditions (780-799)										
All other diceases (Residual)	6	111.1	6			21	164.1	15		6
Motor vehicle accidents (E810-E825)	3	55.6	3			2	15.6	2		
All other accidents and adverse effects (E800-E807, E826-E949)	1	18.5	1			2	15.6	2		
Suicide (E950-E959)						1	7.8	1		
Homicide and legal intervention (E960-E978)						1	7.8	1		
All other external causes (E980-E999)	1	18.5	1							

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	TECUMSEH					THE VILLAGE				
POPULATION	6,100					12,200				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	70	1147.5	56	2	12	3	24.6	3		
Physician in hospital	69	98.6	55	2	12	3	100.0	3		
Physician not in hospital										
Midwife, other, or unknown	1	1.4	1							
Stillbirths	1	14.1	1							
Physician in hospital	1	100.0	1							
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	68	1114.8	66		2	8	65.6	8		
Deaths under 1 year	1	14.3	1							
Deaths under 1 month	1	14.3	1							
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	16	262.3	14		2	1	8.2	1		
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	65.6	4							
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	65.6	4			1	8.2	1		
Malignant neoplasm of breast (174-175)	2	32.8	2							
Malignant neoplasm of genital organs (179-187)										
Malignant neoplasm of urinary organs (188-189)	3	49.2	2		1					
Leukemia (204-208)	1	16.4			1					
Other malignant neoplasms (140-149, 170-173, 190-203)	2	32.8	2							
Diabetes mellitus (250)						1	8.2	1		
Major cardiovascular diseases (390-448)	29	475.4	29			5	41.0	5		
Diseases of the heart (390-398, 402, 404-429)	23	377.0	23			5	41.0	5		
Rheumatic fever and rheumatic heart disease (390-398)	1	16.4	1							
Hypertensive heart disease with or without renal disease (402,404)	1	16.4	1							
Ischemic heart disease (410-414)	20	327.9	20			3	24.6	3		
Other heart diseases (415-429)	1	16.4	1			2	16.4	2		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	65.6	4							
Arteriosclerosis (440)	1	16.4	1							
Other diseases of arterioes, arterioles, and capillaries (441-448)	1	16.4	1							
Pneumonia and influenza (480-487)	9	147.5	9							
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	49.2	3							
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)	1	16.4	1							
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	7	114.8	7			1	8.2	1		
Motor vehicle accidents (E810-E825)	1	16.4	1							
All other accidents and adverse effects (E800-E807, E826-E949)	1	16.4	1							
Suicide (E950-E959)	1	16.4	1							
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	TISHOMINGO					TONKAWA				
POPULATION	3,500					3,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	41	1171.4	31	3	7	42	1166.7	37		5
Physician in hospital	41	100.0	31	3	7	41	97.6	36		5
Physician not in hospital										
Midwife, other, or unknown						1	2.4	1		
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	67	1914.3	62	3	2	42	1166.7	41		1
Deaths under 1 year						1	23.8	1		
Deaths under 1 month						1	23.8	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	14	400.0	12	2		7	194.4	7		
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	114.3	3	1		1	27.8	1		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	85.7	3			5	138.9	5		
Malignant neoplasm of breast (174-175)	2	57.1	2							
Malignant neoplasm of genital organs (179-187)	1	28.6		1						
Malignant neoplasm of urinary organs (188-189)						1	27.8	1		
Leukemia (204-208)										
Other malignant neoplasms (140-149, 170-173, 190-203)	4	114.3	4							
Diabetes mellitus (250)										
Major cardiovascular diseases (390-448)	36	1028.6	33	1	2	27	750.0	26		1
Diseases of the heart (390-398, 402, 404-429)	28	800.0	26	1	1	22	611.1	22		
Rheumatic fever and rheumatic heart disease (390-398)						1	27.8	1		
Hypertensive heart disease with or without renal disease (402,404)	1	28.6	1							
Ischemic heart disease (410-414)	17	485.7	15	1	1	16	444.4	16		
Other heart diseases (415-429)	10	285.7	10			5	138.9	5		
Hypertension with or without renal disease (401,403)	1	28.6	1							
Cerebrovascular disease (430-438)	6	171.4	5		1	5	138.9	4		1
Arteriosclerosis (440)	1	28.6	1							
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	2	57.1	2			2	55.6	2		
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	114.3	4							
Ulcer of stomach and duodenum (531-533)										
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)						1	27.8	1		
Symptoms, signs, and ill-defined conditions (780-799)										
All other diseases (Residual)	6	171.4	6			4	111.1	4		
Motor vehicle accidents (E810-E825)										
All other accidents and adverse effects (E800-E807, E826-E949)	4	114.3	4			1	27.8	1		
Suicide (E950-E959)										
Homicide and legal intervention (E960-E978)	1	28.6	1							
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	TULSA 369,200					TUTTLE 3,900				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	6,273	1699.1	4,762	1,024	487	54	1384.6	54		
Physician in hospital	6,103	97.3	4,667	1,008	428	53	98.1	53		
Physician not in hospital	4	.1	1	3						
Midwife, other, or unknown	166	2.6	94	13	59	1	1.9	1		
Stillbirths	53	8.4	34	16	3					
Physician in hospital	53	100.0	34	16	3					
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	3,235	876.2	2,793	395	47	27	692.3	25	1	1
Deaths under 1 year	63	10.0	46	16	1					
Deaths under 1 month	36	5.7	25	10	1					
Tuberculosis (010-018)	1	.3	1							
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	45	12.2	32	12	1					
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	739	200.2	630	102	7	7	179.5	5	1	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	149	40.4	126	23						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	244	66.1	211	31	2	3	76.9	2		1
Malignant neoplasm of breast (174-175)	66	17.9	58	5	3					
Malignant neoplasm of genital organs (179-187)	78	21.1	61	17						
Malignant neoplasm of urinary organs (188-189)	30	8.1	24	5	1	1	25.6	1		
Leukemia (204-208)	27	7.3	26	1		1	25.6	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	145	39.3	124	20	1	2	51.3	1	1	
Diabetes mellitus (250)	36	9.8	26	9	1					
Major cardiovascular diseases (390-448)	1,506	407.9	1,329	158	19	16	410.3	16		
Diseases of the heart (390-398, 402, 404-429)	1,162	314.7	1,031	114	17	12	307.7	12		
Rheumatic fever and rheumatic heart disease (390-398)	11	3.0	10	1						
Hypertensive heart disease with or without renal disease (402,404)	30	8.1	23	7						
Ischemic heart disease (410-414)	857	232.1	774	69	14	7	179.5	7		
Other heart diseases (415-429)	264	71.5	224	37	3	5	128.2	5		
Hypertension with or without renal disease (401,403)	11	3.0	9	2						
Cerebrovascular disease (430-438)	259	70.2	227	30	2	2	51.3	2		
Arteriosclerosis (440)	33	8.9	26	7		2	51.3	2		
Other diseases of arteries, arterioles, and capillaries (441-448)	41	11.1	36	5						
Pneumonia and influenza (480-487)	98	26.5	93	5						
Chronic obstructive pulmonary disease and allied conditions (490-496)	126	34.1	114	12		1	25.6	1		
Ulcer of stomach and duodenum (531-533)	6	1.6	5	1		1	25.6	1		
Chronic liver disease and cirrhosis (571)	30	8.1	27	1	2					
Nephritis, nephrotic syndrome and nephrosis (580-589)	25	6.8	19	6						
Complications of pregnancy, childbirth, and the puerperium (630-676)	1	.3		1						
Congenital anomalies (740-759)	21	5.7	19	2						
Certain conditions originating in the perinatal period (760-779)	21	5.7	13	7	1					
Symptoms, signs, and ill-defined conditions (780-799)	38	10.3	32	5	1					
All other diseases (Residual)	315	85.3	270	42	3					
Motor vehicle accidents (E810-E825)	66	17.9	56	7	3	1	25.6	1		
All other accidents and adverse effects (E800-E807, E826-E949)	65	17.6	51	11	3					
Suicide (E950-E959)	56	15.2	51	4	1					
Homicide and legal intervention (E960-E978)	37	10.0	24	9	4	1	25.6	1		
All other external causes (E980-E999)	3	.8	1	1	1					

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

POPULATION	VINITA 6,500					WAGONER 6,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	87	1338.5	63	9	15	72	1074.6	56	4	12
Physician in hospital...........................	86	98.9	63	9	14	71	98.6	56	4	11
Physician not in hospital.......................										
Midwife, other, or unknown......................	1	1.1			1	1	1.4			1
Stillbirths..	2	22.5			2	1	13.7	1		
Physician in hospital...........................	2	100.0			2	1	100.0	1		
Physician not in hospital.......................										
Midwife, other, or unknown......................										
Total deaths, all causes..........................	138	2123.1	127	5	6	102	1522.4	92	6	4
Deaths under 1 year.............................	1	11.5	1			2	27.8	2		
Deaths under 1 month............................	1	11.5	1			2	27.8	2		
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	1	15.4	1							
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	18	276.9	17	1		26	388.1	24		2
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	6	92.3	6			7	104.5	5		2
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	9	138.5	8	1		10	149.3	10		
Malignant neoplasm of breast ....(174-175)	1	15.4	1			1	14.9	1		
Malignant neoplasm of genital organs ....(179-187)						1	14.9	1		
Malignant neoplasm of urinary organs .(188-189)						1	14.9	1		
Leukemia ....(204-208)										
Other malignant neoplasms ....(140-149, 170-173, 190-203)	2	30.8	2			6	89.6	6		
Diabetes mellitus ....(250)	3	46.2	3			2	29.9	2		
Major cardiovascular diseases ....(390-448)	77	1184.6	71	2	4	55	820.9	49	5	1
Diseases of the heart ....(390-398, 402, 404-429)	54	830.8	53		1	39	582.1	36	2	1
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	40	615.4	39		1	28	417.9	26	1	1
Other heart diseases ....(415-429)	14	215.4	14			11	164.2	10	1	
Hypertension with or without renal disease ....(401,403)						1	14.9	1		
Cerebrovascular disease ....(430-438)	15	230.8	12	2	1	12	179.1	9	3	
Arteriosclerosis ....(440)	7	107.7	5		2					
Other diseases of arteries, arterioles, and capillaries ....(441-448)	1	15.4	1			3	44.8	3		
Pneumonia and influenza ....(480-487)	16	246.2	15	1		2	29.9	2		
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	1	15.4			1	2	29.9	2		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)										
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	2	30.8	2							
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)	1	15.4	1			2	29.9	2		
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)	1	15.4	1							
All other diseases ....(Residual)	6	92.3	4	1	1	8	119.4	7		1
Motor vehicle accidents ....(E810-E825)	6	92.3	6			1	14.9	1		
All other accidents and adverse effects ....(E800-E807, E826-E949)	3	46.2	3			2	29.9	1	1	
Suicide ....(E950-E959)	2	30.8	2			2	29.9	2		
Homicide and legal intervention ....(E960-E978)										
All other external causes ....(E980-E999)	1	15.4	1							

TABLE VII

RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES

NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	WALTERS					WARR ACRES				
POPULATION	2,700					10,600				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	40	1481.5	33		7	19	179.2	19		
Physician in hospital..........................	40	100.0	33		7	18	94.7	18		
Physician not in hospital......................										
Midwife, other, or unknown.....................						1	5.3	1		
Stillbirths..										
Physician in hospital..........................										
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes..........................	45	1666.7	44		1	7	66.0	7		
Deaths under 1 year............................						1	52.6	1		
Deaths under 1 month...........................										
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)										
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	10	370.4	9		1					
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	1	37.0	1							
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	2	74.1	1		1					
Malignant neoplasm of breast ....(174-175)	1	37.0	1							
Malignant neoplasm of genital organs ....(179-187)	3	111.1	3							
Malignant neoplasm of urinary organs .(188-189)										
Leukemia ....(204-208)	1	37.0	1							
Other malignant neoplasms ....(140-149, 170-173, 190-203)	2	74.1	2							
Diabetes mellitus ....(250)										
Major cardiovascular diseases ....(390-448)	31	1148.1	31			4	37.7	4		
Diseases of the heart ....(390-398, 402, 404-429)	25	925.9	25			3	28.3	3		
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)	1	37.0	1							
Ischemic heart disease ....(410-414)	5	185.2	5			1	9.4	1		
Other heart diseases ....(415-429)	19	703.7	19			2	18.9	2		
Hypertension with or without renal disease ....(401,403)										
Cerebrovascular disease ....(430-438)	6	222.2	6			1	9.4	1		
Arteriosclerosis ....(440)										
Other diseases of arteriose, arterioles, and capillaries ....(441-448)										
Pneumonia and influenza ....(480-487)										
Chronic obstructive pulmonary disease and allied conditions ....(490-496)						1	9.4	1		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)										
Nephritis, nephrotic syndrome and nephrosis ....(580-589)										
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)										
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)						1	9.4	1		
All other diseases ....(Residual)	2	74.1	2							
Motor vehicle accidents ....(E810-E825)						1	9.4	1		
All other accidents and adverse effects ....(E800-E807, E826-E949)	2	74.1	2							
Suicide ....(E950-E959)										
Homicide and legal intervention ....(E960-E978)										
All other external causes ....(E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	WATONGA					WEATHERFORD				
POPULATION	4,100					11,100				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	68	1658.5	41	14	13	153	1378.4	134	4	15
Physician in hospital	67	98.5	40	14	13	152	99.3	133	4	15
Physician not in hospital										
Midwife, other, or unknown	1	1.5	1			1	.7	1		
Stillbirths										
Physician in hospital										
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	52	1268.3	43	5	4	58	522.5	54	2	2
Deaths under 1 year	1	14.7			1	1	6.5	1		
Deaths under 1 month						1	6.5	1		
Tuberculosis (010-018)										
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	24.4			1					
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	11	268.3	9	2		14	126.1	13	1	
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	97.6	2	2		3	27.0	3		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	97.6	4			6	54.1	6		
Malignant neoplasm of breast (174-175)										
Malignant neoplasm of genital organs (179-187)	2	48.8	2			1	9.0		1	
Malignant neoplasm of urinary organs (188-189)						1	9.0	1		
Leukemia (204-208)						1	9.0	1		
Other malignant neoplasms (140-149, 170-173, 190-203)	1	24.4	1			2	18.0	2		
Diabetes mellitus (250)	2	48.8	2			1	9.0	1		
Major cardiovascular diseases (390-448)	21	512.2	18	3		27	243.2	25	1	1
Diseases of the heart (390-398, 402, 404-429)	16	390.2	13	3		22	198.2	20	1	1
Rheumatic fever and rheumatic heart disease (390-398)										
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	15	365.9	13	2		15	135.1	13	1	1
Other heart diseases (415-429)	1	24.4		1		7	63.1	7		
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	4	97.6	4			5	45.0	5		
Arteriosclerosis (440)	1	24.4	1							
Other diseases of arterioes, arterioles, and capillaries (441-448)										
Pneumonia and influenza (480-487)	2	48.8	2			4	36.0	4		
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	48.8	2			2	18.0	2		
Ulcer of stomach and duodenum (531-533)	1	24.4	1							
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)										
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)										
Certain conditions originating in the perinatal period (760-779)						1	9.0	1		
Symptoms, signs, and ill-defined conditions (780-799)	1	24.4	1							
All other diseases (Residual)	5	122.0	4		1	3	27.0	3		
Motor vehicle accidents (E810-E825)	3	73.2	2		1	2	18.0	2		
All other accidents and adverse effects (E800-E807, E826-E949)	2	48.8	1		1	2	18.0	1		1
Suicide (E950-E959)	1	24.4	1			2	18.0	2		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)										

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	WEWOKA					WILBURTON				
POPULATION	4,700					3,300				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births..	64	1361.7	22	25	17	53	1606.1	41	3	9
Physician in hospital..........................	62	96.9	21	25	16	48	90.6	41	3	4
Physician not in hospital......................										
Midwife, other, or unknown.....................	2	3.1	1		1	5	9.4			5
Stillbirths..	1	15.4	1							
Physician in hospital..........................	1	100.0	1							
Physician not in hospital......................										
Midwife, other, or unknown.....................										
Total deaths, all causes..........................	78	1659.6	53	19	6	41	1242.4	37	2	2
Deaths under 1 year............................	1	15.6		1						
Deaths under 1 month...........................	1	15.6		1						
Tuberculosis ....(010-018)										
Syphilis ....(090-097)										
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	4	85.1	2	2						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	19	404.3	12	4	3	4	121.2	4		
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	2	42.6	1	1		2	60.6	2		
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	6	127.7	5		1	1	30.3	1		
Malignant neoplasm of breast ....(174-175)	1	21.3	1							
Malignant neoplasm of genital organs ....(179-187)	3	63.8	1	1	1	1	30.3	1		
Malignant neoplasm of urinary organs .(188-189)										
Leukemia ....(204-208)	2	42.6	1	1						
Other malignant neoplasms ....(140-149, 170-173, 190-203)	5	106.4	3	1	1					
Diabetes mellitus ....(250)						4	121.2	3		1
Major cardiovascular diseases ....(390-448)	35	744.7	26	8	1	22	666.7	20	1	1
Diseases of the heart ....(390-398, 402, 404-429)	29	617.0	21	7	1	20	606.1	18	1	1
Rheumatic fever and rheumatic heart disease ....(390-398)										
Hypertensive heart disease with or without renal disease ....(402,404)										
Ischemic heart disease ....(410-414)	23	489.4	18	4	1	10	303.0	10		
Other heart diseases ....(415-429)	6	127.7	3	3		10	303.0	8	1	1
Hypertension with or without renal disease ....(401,403)	1	21.3	1							
Cerebrovascular disease ....(430-438)	3	63.8	2	1		2	60.6	2		
Arteriosclerosis ....(440)	1	21.3	1							
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	1	21.3	1							
Pneumonia and influenza ....(480-487)	4	85.1	3	1						
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	1	21.3	1			2	60.6	2		
Ulcer of stomach and duodenum ....(531-533)										
Chronic liver disease and cirrhosis ....(571)										
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	3	63.8	3							
Complications of pregnancy, childbirth, and the puerperium ....(630-676)										
Congenital anomalies ....(740-759)										
Certain conditions originating in the perinatal period ....(760-779)										
Symptoms, signs, and ill-defined conditions ....(780-799)	1	21.3		1		1	30.3		1	
All other diseases ....(Residual)	7	148.9	4	2	1	6	181.8	6		
Motor vehicle accidents ....(E810-E825)						1	30.3	1		
All other accidents and adverse effects ....(E800-E807, E826-E949)	1	21.3		1						
Suicide ....(E950-E959)	1	21.3	1							
Homicide and legal intervention ....(E960-E978)	1	21.3	1			1	30.3	1		
All other external causes ....(E980-E999)	1	21.3			1					

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

	WOODWARD					WYNNEWOOD				
POPULATION	14,500					2,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	208	1434.5	201		7	33	1222.2	22	11	
Physician in hospital	206	99.0	199		7	33	100.0	22	11	
Physician not in hospital										
Midwife, other, or unknown	2	1.0	2							
Stillbirths	1	4.8	1							
Physician in hospital	1	100.0	1							
Physician not in hospital										
Midwife, other, or unknown										
Total deaths, all causes	116	800.0	116			50	1851.9	45	3	2
Deaths under 1 year	2	9.6	2			1	30.3	1		
Deaths under 1 month	2	9.6	2			1	30.3	1		
Tuberculosis (010-018)						1	37.0	1		
Syphilis (090-097)										
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	6.9	1			1	37.0	1		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	20	137.9	20			7	259.3	6		1
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	27.6	4			1	37.0			1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	34.5	5			3	111.1	3		
Malignant neoplasm of breast (174-175)						1	37.0	1		
Malignant neoplasm of genital organs (179-187)	3	20.7	3							
Malignant neoplasm of urinary organs (188-189)	1	6.9	1			1	37.0	1		
Leukemia (204-208)	1	6.9	1							
Other malignant neoplasms (140-149, 170-173, 190-203)	6	41.4	6			1	37.0	1		
Diabetes mellitus (250)	2	13.8	2							
Major cardiovascular diseases (390-448)	66	455.2	66			33	1222.2	30	2	1
Diseases of the heart (390-398, 402, 404-429)	50	344.8	50			17	629.6	15	1	1
Rheumatic fever and rheumatic heart disease (390-398)	1	6.9	1			1	37.0	1		
Hypertensive heart disease with or without renal disease (402,404)										
Ischemic heart disease (410-414)	27	186.2	27			10	370.4	9		1
Other heart diseases (415-429)	22	151.7	22			6	222.2	5	1	
Hypertension with or without renal disease (401,403)										
Cerebrovascular disease (430-438)	7	48.3	7			2	74.1	2		
Arteriosclerosis (440)	4	27.6	4			14	518.5	13	1	
Other diseases of arterioes, arterioles, and capillaries (441-448)	5	34.5	5							
Pneumonia and influenza (480-487)	4	27.6	4							
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	6.9	1			2	74.1	2		
Ulcer of stomach and duodenum (531-533)	1	6.9	1							
Chronic liver disease and cirrhosis (571)										
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	13.8	2							
Complications of pregnancy, childbirth, and the puerperium (630-676)										
Congenital anomalies (740-759)	1	6.9	1							
Certain conditions originating in the perinatal period (760-779)	1	6.9	1							
Symptoms, signs, and ill-defined conditions (780-799)	1	6.9	1			1	37.0	1		
All other diseases (Residual)	6	41.4	6							
Motor vehicle accidents (E810-E825)	4	27.6	4			1	37.0	1		
All other accidents and adverse effects (E800-E807, E826-E949)	6	41.4	6			2	74.1	1	1	
Suicide (E950-E959)						1	37.0	1		
Homicide and legal intervention (E960-E978)										
All other external causes (E980-E999)						1	37.0	1		

TABLE VII
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES NUMBER AND RATE, BY RACE FOR CITIES OR 2500 OR MORE, OKLAHOMA, 1987

YUKON

POPULATION	24,700				
	NUMBER	RATE	WHITE	BLACK	INDIAN
Live Births	464	1878.5	452	5	7
Physician in hospital	451	97.2	439	5	7
Physician not in hospital					
Midwife, other, or unknown	13	2.8	13		
Stillbirths					
Physician in hospital					
Physician not in hospital					
Midwife, other, or unknown					
Total deaths, all causes	161	651.8	157		4
Deaths under 1 year	5	10.8	4		1
Deaths under 1 month	4	8.6	3		1
Tuberculosis (010-018)					
Syphilis (090-097)					
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	12.1	3		
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	40	161.9	39		1
Malignant neoplasm of digestive organs and peritoneum (150-159)	7	28.3	7		
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	3	12.1	3		
Malignant neoplasm of breast (174-175)	4	16.2	4		
Malignant neoplasm of genital organs (179-187)	7	28.3	6		1
Malignant neoplasm of urinary organs (188-189)	3	12.1	3		
Leukemia (204-208)	4	16.2	4		
Other malignant neoplasms (140-149, 170-173, 190-203)	12	48.6	12		
Diabetes mellitus (250)	1	4.0	1		
Major cardiovascular diseases (390-448)	63	255.1	62		1
Diseases of the heart (390-398, 402, 404-429)	49	198.4	48		1
Rheumatic fever and rheumatic heart disease (390-398)	1	4.0	1		
Hypertensive heart disease with or without renal disease (402,404)	2	8.1	2		
Ischemic heart disease (410-414)	30	121.5	29		1
Other heart diseases (415-429)	16	64.8	16		
Hypertension with or without renal disease (401,403)	1	4.0	1		
Cerebrovascular disease (430-438)	8	32.4	8		
Arteriosclerosis (440)	2	8.1	2		
Other diseases of arterioes, arterioles, and capillaries (441-448)	3	12.1	3		
Pneumonia and influenza (480-487)	6	24.3	6		
Chronic obstructive pulmonary disease and allied conditions (490-496)	9	36.4	8		1
Ulcer of stomach and duodenum (531-533)					
Chronic liver disease and cirrhosis (571)	2	8.1	2		
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	12.1	3		
Complications of pregnancy, childbirth, and the puerperium (630-676)					
Congenital anomalies (740-759)	3	12.1	3		
Certain conditions originating in the perinatal period (760-779)	3	12.1	2		1
Symptoms, signs, and ill-defined conditions (780-799)					
All other diseases (Residual)	15	60.7	15		
Motor vehicle accidents (E810-E825)	7	28.3	7		
All other accidents and adverse effects (E800-E807, E826-E949)	3	12.1	3		
Suicide (E950-E959)	3	12.1	3		
Homicide and legal intervention (E960-E978)					
All other external causes (E980-E999)					

TABLE VIII
RESIDENT BIRTHS BY COUNTY, RACE, AND SEX
OKLAHOMA, 1987

COUNTY	ALL RACES			WHITE			BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ADAIR	322	157	165	98	56	42				224	101	123
ALFALFA	63	27	36	61	27	34				2		2
ATOKA	166	85	81	128	65	63	10	5	5	28	15	13
BEAVER	74	41	33	74	41	33						
BECKHAM	271	144	127	246	131	115	8	4	4	17	9	8
BLAINE	189	100	89	143	78	65	15	6	9	31	16	15
BRYAN	452	228	224	394	203	191	9	3	6	49	22	27
CADDO	540	263	277	340	165	175	17	7	10	183	91	92
CANADIAN	1,123	576	547	1,051	540	511	27	11	16	45	25	20
CARTER	625	336	289	494	271	223	70	35	35	61	30	31
CHEROKEE	436	224	212	198	108	90	4	1	3	234	115	119
CHOCTAW	232	115	117	138	66	72	45	21	24	49	28	21
CIMARRON	61	32	29	61	32	29						
CLEVELAND	2,263	1,108	1,155	2,097	1,029	1,068	83	44	39	83	35	48
COAL	75	36	39	61	29	32				14	7	7
COMANCHE	2,332	1,163	1,169	1,642	824	818	564	277	287	126	62	64
COTTON	85	42	43	71	38	33	3	1	2	11	3	8
CRAIG	185	95	90	122	63	59	11	5	6	52	27	25
CREEK	917	460	457	755	422	333	40	18	22	122	70	52
CUSTER	394	212	182	314	157	157	32	20	12	48	25	23
DELAWARE	356	177	179	204	96	108				152	79	73
DEWEY	79	45	34	68	40	28				11	5	6
ELLIS	51	25	26	50	25	25				1		1
GARFIELD	842	420	422	792	396	396	42	19	23	8	5	3
GARVIN	352	187	165	303	158	145	21	11	10	28	13	15
GRADY	609	314	295	542	277	265	44	25	19	23	12	11
GRANT	70	33	37	68	32	36				2	1	1
GREER	70	34	36	61	29	32	7	4	3	2	1	1
HARMON	57	31	26	51	29	22	6	2	4			
HARPER	43	20	23	43	20	23						
HASKELL	127	64	63	100	54	46	1	1		26	9	17
HUGHES	187	85	102	116	56	60	6	2	4	65	27	38
JACKSON	603	313	290	511	267	244	76	36	40	16	10	6
JEFFERSON	67	35	32	62	32	30	1		1	4	3	1
JOHNSTON	109	51	58	82	43	39	3		3	24	8	16
KAY	752	383	369	645	327	318	17	6	11	90	50	40
KINGFISHER	221	111	110	202	105	97	9	3	6	10	3	7
KIOWA	179	91	88	134	67	67	21	9	12	24	15	9
LATIMER	150	72	78	109	57	52	3	1	2	38	19	19
LEFLORE	568	300	268	483	260	223	6	2	4	79	33	46
LINCOLN	390	200	190	346	183	163	13	4	9	31	13	18
LOGAN	400	220	180	347	191	156	43	23	20	10	6	4
LOVE	100	43	57	87	38	49	6	2	4	7	3	4
MCCLAIN	290	140	150	274	135	139	5	2	3	11	3	8
MCCURTAIN	540	266	274	329	170	159	74	30	44	138	66	72
MCINTOSH	211	107	104	132	66	66	21	9	12	58	30	28
MAJOR	93	55	38	93	55	38						
MARSHALL	120	53	67	93	45	48	5	2	3	22	6	16
MAYES	464	236	228	292	135	157				172	101	71
MURRAY	143	75	68	123	65	58	4	2	2	16	8	8
MUSKOGEE	990	496	494	640	317	323	160	85	75	190	94	96
NOBLE	156	84	72	133	73	60	7	3	4	16	8	8
NOWATA	117	55	62	82	39	43	6	2	4	29	14	15
OKFUSKEE	170	83	87	94	49	45	15	7	8	61	27	34
OKLAHOMA	10,044	5,145	4,899	7,632	3,941	3,691	2,014	1,023	991	398	181	217
OKMULGEE	571	297	274	380	203	177	87	44	43	104	50	54
OSAGE	485	259	226	361	199	162	31	18	13	93	42	51
OTTAWA	387	194	193	276	143	133	1		1	110	51	59
PAWNEE	232	134	98	192	113	79	5	2	3	35	19	16
PAYNE	754	370	384	684	334	350	37	16	21	33	20	13
PITTSBURG	484	234	250	407	194	213	13	10	3	64	30	34
PONTOTOC	467	227	240	373	184	189	18	8	10	76	35	41
POTTAWATOMIE	830	436	394	663	347	316	27	11	16	140	78	62
PUSHMATAHA	148	79	69	112	58	54	3	2	1	33	19	14
ROGER MILLS	55	31	24	49	28	21				6	3	3
ROGERS	776	382	394	610	311	299	7	2	5	159	89	70
SEMINOLE	373	175	198	212	97	115	46	14	32	115	64	51
SEQUOYAH	501	249	252	336	168	168	15	10	5	150	71	79
STEPHENS	497	267	230	452	243	209	22	12	10	23	12	11
TEXAS	247	138	109	243	138	105				4		4
TILLMAN	171	80	91	129	62	67	25	8	17	17	10	7
TULSA	8,417	4,246	4,171	6,647	3,344	3,303	1,073	551	522	697	351	346
WAGONER	618	318	300	512	251	261	22	15	7	84	52	32
WASHINGTON	615	303	312	527	269	258	33	13	20	55	21	34
WASHITA	143	66	77	139	65	74	1		1	3	1	2
WOODS	131	54	77	127	53	74	2		2	2	1	1
WOODWARD	281	135	146	272	130	142				9	5	4
ENTIRE STATE	47,697	24,157	23,540	37,507	19,110	18,397	5,047	2,509	2,538	5,143	2,538	2,605

TABLE IX
RESIDENT DEATHS BY COUNTY, RACE, AND SEX
OKLAHOMA, 1937

COUNTY	ALL RACES			WHITE			BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ADAIR	212	125	87	162	98	64				50	27	23
ALFALFA	94	43	51	94	43	51						
ATOKA	132	66	66	117	59	58	8	3	5	7	4	3
BEAVER	56	25	31	56	25	31						
BECKHAM	268	133	135	265	131	134	2	1	1	1	1	
BLAINE	183	81	102	167	71	96	5	3	2	11	7	4
BRYAN	372	197	175	344	186	158	7	2	5	21	9	12
CADDO	359	194	165	293	162	131	7	2	5	59	30	29
CANADIAN	416	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	2	1	4	[illegible]	[illegible]
CARTER	512	287	225	452	254	198	41	22	19	19	11	8
CHEROKEE	273	152	121	223	125	98				50	27	23
CHOCTAW	215	111	104	175	88	87	32	19	13	8	4	4
CIMARRON	43	25	18	43	25	18						
CLEVELAND	791	413	378	771	400	371	8	6	2	12	7	5
COAL	68	33	35	65	31	34				3	2	1
COMANCHE	720	376	344	622	322	300	77	41	36	21	13	8
COTTON	102	56	46	96	52	44	2	2		4	2	2
CRAIG	215	117	98	195	104	91	5	3	2	15	10	5
CREEK	530	277	253	495	259	236	24	12	12	11	6	5
CUSTER	223	119	104	211	112	99	7	4	3	5	3	2
DELAWARE	326	188	138	284	165	119				42	23	19
DEWEY	78	45	33	72	42	30				6	3	3
ELLIS	58	31	27	58	31	27						
GARFIELD	633	322	311	605	303	302	23	16	7	5	3	2
GARVIN	334	180	154	317	167	150	13	11	2	4	2	2
GRADY	356	198	158	335	189	146	17	7	10	4	2	2
GRANT	102	60	42	102	60	42						
GREER	124	70	54	120	69	51	4	1	3			
HARMON	62	33	29	58	31	27	4	2	2			
HARPER	63	37	26	63	37	26						
HASKELL	129	68	61	123	65	58	1	1		5	2	3
HUGHES	179	90	89	153	74	79	5	4	1	21	12	9
JACKSON	240	112	128	216	100	116	22	11	11	2	1	1
JEFFERSON	105	63	42	101	61	40	3	1	2	1	1	
JOHNSTON	169	93	76	155	84	71	3	1	2	11	8	3
KAY	588	288	300	553	263	290	13	8	5	22	17	5
KINGFISHER	146	75	71	137	69	68	8	5	3	1	1	
KIOWA	183	106	77	161	92	69	11	7	4	11	7	4
LATIMER	100	66	34	89	58	31	4	3	1	7	5	2
LEFLORE	444	250	194	418	238	180	8	6	2	18	6	12
LINCOLN	270	159	111	249	150	99	13	4	9	8	5	3
LOGAN	280	155	125	248	135	113	32	20	12			
LOVE	87	51	36	83	49	34	3	1	2	1	1	
MCCLAIN	193	100	93	189	97	92	3	2	1	1	1	
MCCURTAIN	349	204	145	286	169	117	41	20	21	22	15	7
MCINTOSH	253	145	108	213	128	85	18	7	11	22	10	12
MAJOR	87	44	43	87	44	43						
MARSHALL	129	71	58	118	65	53	3	1	2	8	5	3
MAYES	374	189	185	343	178	165	2		2	29	11	18
MURRAY	146	74	72	144	73	71	2	1	1			
MUSKOGEE	755	399	356	594	314	280	134	75	59	27	10	17
NOBLE	137	67	70	130	63	67	1		1	6	4	2
NOWATA	121	71	50	115	69	46	5	2	3	1		1
OKFUSKEE	157	86	71	119	61	58	22	13	9	16	12	4
OKLAHOMA	5,211	2,597	2,614	4,479	2,203	2,276	672	357	315	60	37	23
OKMULGEE	465	252	213	385	206	179	55	29	26	25	17	8
OSAGE	292	157	135	256	142	114	10	4	6	26	11	15
OTTAWA	376	190	186	348	180	168				28	10	18
PAWNEE	164	82	82	152	75	77	3	2	1	9	5	4
PAYNE	466	247	219	447	237	210	14	7	7	5	3	2
PITTSBURG	466	250	216	425	221	204	16	10	6	25	19	6
PONTOTOC	385	181	204	355	171	184	7	1	6	23	9	14
POTTAWATOMIE	597	321	276	558	297	261	13	8	5	26	16	10
PUSHMATAHA	129	71	58	120	68	52	2		2	7	3	4
ROGER MILLS	49	29	20	46	27	19				3	2	1
ROGERS	376	190	186	347	172	175	3	2	1	26	16	10
SEMINOLE	320	173	147	259	143	116	29	11	18	32	19	13
SEQUOYAH	327	185	142	282	161	121	14	8	6	31	16	15
STEPHENS	467	230	237	449	220	229	12	7	5	6	3	3
TEXAS	144	78	66	143	77	66				1	1	
TILLMAN	168	93	75	149	81	68	17	11	6	2	1	1
TULSA	3,996	1,981	2,015	3,524	1,713	1,811	404	227	177	68	41	27
WAGONER	313	177	136	276	155	121	25	15	10	12	7	5
WASHINGTON	512	253	259	478	235	243	20	10	10	14	8	6
WASHITA	132	64	68	131	63	68				1	1	
WOODS	120	76	44	117	75	42	2		2	1	1	
WOODWARD	170	94	76	170	94	76						
UNKNOWN	5	4	1	5	4	1						
ENTIRE STATE	29,191	15,211	13,980	26,187	13,564	12,623	1,966	1,066	900	1,038	581	457

TABLE [illegible]
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY MONTH, OKLAHOMA, 1987

	TOTAL	JAN	FEB	MAR	APR	MAY	JUN
Live Births	47,697	3,899	3,698	4,014	3,885	3,915	3,877
Physician in hospital	46,566	3,786	3,579	3,905	3,804	3,811	3,787
Physician not in hospital	65	6	1	2	1	3	3
Midwife, other, or unknown	1,066	107	118	107	40	101	82
Stillbirths	383	47	35	24	29	37	40
Physician in hospital	370	44	34	21	29	34	39
Physician not in hospital	12	3	1	[illegible]		3	1
Midwife, other, or unknown	1			1			
Total deaths, all causes	25,191	2,754	2,598	2,623	2,500	2,379	2,213
Deaths under 1 year	458	52	53	34	30	40	33
Deaths under 1 month	268	31	27	18	17	23	22
Tuberculosis (010-018)	16	4	1	1		1	
Syphilis (090-097)							
Residual of infectious and parasitic diseases (001-009, 020-089, 098-139)	405	37	35	40	32	36	22
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	6,399	538	523	565	551	527	525
Malignant neoplasm of digestive organs and peritoneum (150-159)	1,420	139	117	125	122	104	123
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	1,905	157	171	162	175	149	163
Malignant neoplasm of breast (174-175)	508	38	49	51	40	50	47
Malignant neoplasm of genital organs (179-187)	661	53	46	55	52	62	53
Malignant neoplasm of urinary organs (188-189)	257	16	20	25	26	26	20
Leukemia (204-208)	259	25	21	17	27	14	22
Other malignant neoplasms (140-149, 170-173, 190-203)	1,289	110	104	114	110	102	91
Diabetes mellitus (250)	463	41	34	32	29	27	18
Major cardiovascular diseases (390-448)	11,313	1,177	1,145	1,288	1,134	1,133	1,019
Diseases of the heart (390-398, 402, 404-429)	10,620	1,030	891	1,004	912	852	817
Rheumatic fever and rheumatic heart disease (390-398)	66	3	11	8	3	6	[illegible]
Hypertensive heart disease with or without renal disease (402,404)	199	21	14	21	24	14	14
Ischemic heart disease (410-414)	7,422	732	623	691	635	613	570
Other heart diseases (415-429)	2,943	324	243	284	250	219	221
Hypertension with or without renal disease (401,403)	87	7	7	6	9	5	12
Cerebrovascular disease (430-438)	2,358	219	181	210	208	202	149
Arteriosclerosis (440)	385	37	36	34	29	39	21
Other diseases of arteries, arterioles, and capillaries (441-448)	323	34	30	34	26	35	20
Pneumonia and influenza (480-487)	1,102	126	102	91	106	92	91
Chronic obstructive pulmonary disease and allied conditions (490-496)	1,087	113	109	114	101	96	80
Ulcer of stomach and duodenum (531-533)	92	6	11	5	3	10	9
Chronic liver disease and cirrhosis (571)	241	28	11	18	21	24	16
Nephritis, nephrotic syndrome and nephrosis (580-589)	366	44	30	40	30	30	34
Complications of pregnancy, childbirth, and the puerperium (630-676)	3		1		1	1	
Congenital anomalies (740-759)	155	18	13	8	13	12	13
Certain conditions originating in the perinatal period (760-779)	187	22	23	14	8	15	15
Symptoms, signs, and ill-defined conditions (780-799)	231	30	23	22	24	29	17
All other diseases (Residual)	2,435	209	199	213	223	171	179
Motor vehicle accidents (E810-E825)	676	40	34	51	54	59	51
All other accidents and adverse effects (E800-E807, E826-E949)	661	58	47	43	47	63	72
Suicide (E950-E959)	484	44	26	48	41	47	30
Homicide and legal intervention (E960-E978)	281	23	20	18	26	21	24
All other external causes (E980-E999)	44	6	1	4	4	5	4

TABLE 8
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY MONTH, OKLAHOMA, 1987

	TOTAL	JUL	AUG	SEP	OCT	NOV	DEC
Live Births	47,697	4,279	4,249	4,176	4,100	3,656	3,949
Physician in hospital	46,566	4,169	4,156	4,098	4,016	3,586	3,869
Physician not in hospital	65	5	11	12	8	4	4
Midwife, other, or unknown	1,066	105	82	66	76	66	76
Stillbirths	383	26	39	21	38	31	26
Physician in hospital	370	26	38	21	37	29	26
Physician not in hospital	12		1		1	2	
Midwife, other, or unknown	1						
Total deaths, all causes	29,191	2,342	2,347	2,193	2,443	2,368	2,596
Deaths under 1 year	458	35	42	32	39	32	33
Deaths under 1 month	268	22	25	23	26	16	18
Tuberculosis ....(010-018)	16	1	5		1	2	
Syphilis ....(090-097)							
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	405	30	37	30	40	34	32
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	6,399	546	538	497	533	543	521
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	1,420	127	115	105	115	111	106
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	2,005	170	181	142	183	177	169
Malignant neoplasm of breast ....(174-175)	508	34	38	38	38	44	39
Malignant neoplasm of genital organs ....(179-187)	661	57	52	64	60	50	53
Malignant neoplasm of urinary organs ....(188-189)	257	26	20	17	18	21	22
Leukemia ....(204-208)	259	30	21	16	18	26	22
Other malignant neoplasms ....(140-149, 170-173, 190-203)	1,289	102	111	115	101	119	110
Diabetes mellitus ....(250)	463	38	43	42	54	36	45
Major cardiovascular diseases ....(390-448)	13,813	1,078	1,032	1,013	1,148	1,110	1,246
Diseases of the heart ....(390-398, 402, 404-429)	10,620	792	807	771	869	845	960
Rheumatic fever and rheumatic heart disease ....(390-398)	66	4	2	3	13	4	1
Hypertensive heart disease with or without renal disease ....(402,404)	189	18	14	7	11	14	13
Ischemic heart disease ....(410-414)	7,422	539	569	531	607	606	746
Other heart diseases ....(415-429)	2,943	231	222	230	238	221	200
Hypertension with or without renal disease ....(401,403)	87	10	6	7	2	5	11
Cerebrovascular disease ....(430-438)	2,398	224	168	173	214	216	214
Arteriosclerosis ....(440)	385	27	25	35	38	24	40
Other diseases of arteries, arterioles, and capillaries ....(441-448)	323	25	26	27	25	20	21
Pneumonia and influenza ....(480-487)	1,102	67	77	58	99	86	115
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	1,087	76	88	82	87	60	81
Ulcer of stomach and duodenum ....(531-533)	92	6	4	11	12	3	7
Chronic liver disease and cirrhosis ....(571)	241	22	19	15	23	26	13
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	366	27	31	28	29	23	26
Complications of pregnancy, childbirth, and the puerperium ....(630-676)	3						
Congenital anomalies ....(740-759)	155	13	17	17	12	8	6
Certain conditions originating in the perinatal period ....(760-779)	127	13	16	15	19	12	15
Symptoms, signs, and ill-defined conditions ....(780-799)	281	20	22	12	24	33	23
All other diseases ....(Residual)	2,435	192	212	190	221	208	238
Motor vehicle accidents ....(E810-E825)	676	72	77	65	49	59	65
All other accidents and adverse effects ....(E800-E807, E826-E949)	661	63	50	50	43	60	65
Suicide ....(E950-E959)	484	52	45	47	33	33	38
Homicide and legal intervention ....(E960-E978)	281	21	29	17	25	22	31
All other external causes ....(E980-E999)	44	5	5	4	2		4

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	TOTAL					
	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births	47,697	24,157	23,540	37,507	19,110	18,397
Physician in hospital	46,566	23,622	22,944	36,821	18,783	18,038
Physician not in hospital	65	29	36	53	22	31
Midwife, other, or unknown	1,066	506	560	633	305	328
Stillbirths	383	218	165	284	164	120
Physician in hospital	370	214	156	273	160	113
Physician not in hospital	12	3	9	10	3	7
Midwife, other, or unknown	1	1		1	1	
Total deaths, all causes	29,191	15,211	13,980	26,187	13,564	12,623
Deaths under 1 year	458	245	213	351	192	159
Deaths under 1 month	268	142	126	203	114	89
Tuberculosis (010-018)	16	9	7	11	7	4
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	405	224	181	328	182	146
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	6,399	3,472	2,927	5,806	3,150	2,656
Malignant neoplasm of digestive organs and peritoneum (150-159)	1,420	753	667	1,266	668	598
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2,005	1,387	618	1,857	1,281	576
Malignant neoplasm of breast (174-175)	508	1	507	461	1	460
Malignant neoplasm of genital organs (179-187)	661	347	314	573	304	269
Malignant neoplasm of urinary organs (188-189)	257	173	84	237	158	79
Leukemia (204-208)	259	137	122	238	124	114
Other malignant neoplasms (140-149, 170-173, 190-203)	1,289	674	615	1,174	614	560
Diabetes mellitus (250)	463	192	271	371	153	218
Major cardiovascular diseases (390-448)	13,813	6,874	6,939	12,548	6,222	6,326
Diseases of the heart (390-398, 402, 404-429)	10,620	5,574	5,046	9,658	5,047	4,611
Rheumatic fever and rheumatic heart disease (390-398)	66	20	46	63	19	44
Hypertensive heart disease with or without renal disease (402,404)	189	70	119	157	60	97
Ischemic heart disease (410-414)	7,422	4,093	3,329	6,817	3,730	3,087
Other heart diseases (415-429)	2,943	1,391	1,552	2,621	1,238	1,383
Hypertension with or without renal disease (401,403)	87	32	55	70	26	44
Cerebrovascular disease (430-438)	2,398	916	1,482	2,173	824	1,349
Arteriosclerosis (440)	385	155	230	350	139	211
Other diseases of arteries, arterioles, and capillaries (441-448)	323	197	126	298	186	112
Pneumonia and influenza (480-487)	1,102	511	591	1,001	451	550
Chronic obstructive pulmonary disease and allied conditions (490-496)	1,087	688	399	1,024	643	381
Ulcer of stomach and duodenum (531-533)	92	46	46	85	42	43
Chronic liver disease and cirrhosis (571)	241	155	86	198	128	70
Nephritis, nephrotic syndrome and nephrosis (580-589)	366	169	197	309	143	166
Complications of pregnancy, childbirth, and the puerperium (630-676)	3		3	1		1
Congenital anomalies (740-759)	155	80	75	132	68	64
Certain conditions originating in the perinatal period (760-779)	137	101	36	133	73	60
Symptoms, signs, and ill-defined conditions (780-799)	281	131	150	245	114	131
All other diseases (Residual)	2,435	1,095	1,340	2,171	961	1,210
Motor vehicle accidents (E810-E825)	676	464	212	573	390	183
All other accidents and adverse effects (E800-E807, E826-E949)	661	409	252	568	343	225
Suicide (E950-E959)	484	368	116	452	344	108
Homicide and legal intervention (E960-E978)	281	195	86	195	124	71
All other external causes (E980-E999)	44	28	16	31	21	10

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	TOTAL					
	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births	5,047	2,509	2,538	5,143	2,538	2,605
Physician in hospital	4,959	2,478	2,481	4,786	2,361	2,425
Physician not in hospital	8	5	3	4	2	2
Midwife, other, or unknown	80	26	54	353	175	178
Stillbirths						
Physician in hospital	62	34	28	35	20	15
Physician not in hospital	2		2			
Midwife, other, or unknown						
Total deaths, all causes	1,966	1,066	900	1,038	581	457
Deaths under 1 year	72	33	39	35	20	15
Deaths under 1 month	46	20	26	19	8	11
Tuberculosis (010-018)				5	2	3
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	56	32	24	21	10	11
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	426	241	185	167	81	86
Malignant neoplasm of digestive organs and peritoneum (150-159)	106	64	42	48	21	27
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	105	74	31	43	32	11
Malignant neoplasm of breast (174-175)	36		36	11		11
Malignant neoplasm of genital organs (179-187)	68	36	32	20	7	13
Malignant neoplasm of urinary organs (188-189)	14	9	5	6	6	
Leukemia (204-208)	14	9	5	7	4	3
Other malignant neoplasms (140-149, 170-173, 190-203)	83	49	34	32	11	21
Diabetes mellitus (250)	45	23	22	47	16	31
Major cardiovascular diseases (390-448)	842	414	428	423	238	185
Diseases of the heart (390-398, 402, 404-429)	634	328	306	328	199	129
Rheumatic fever and rheumatic heart disease (390-398)	3	1	2			
Hypertensive heart disease with or without renal ~~disease~~ (402,404)	28	9	19	4	1	3
Ischemic heart disease (410-414)	368	212	156	237	151	86
Other heart diseases (415-429)	235	106	129	87	47	40
Hypertension with or without renal disease (401,403)	15	5	10	2	1	1
Cerebrovascular disease (430-438)	154	65	89	72	27	45
Arteriosclerosis (440)	23	10	13	12	6	6
Other diseases of arteries, arterioles, and capillaries (441-448)	16	6	10	9	5	4
Pneumonia and influenza (480-487)	69	40	29	32	20	12
Chronic obstructive pulmonary disease and allied conditions (490-496)	40	27	13	23	18	5
Ulcer of stomach and duodenum (531-533)	5	3	2	2	1	1
Chronic liver disease and cirrhosis (571)	19	11	8	24	16	8
Nephritis, nephrotic syndrome and nephrosis (580-589)	33	14	19	24	12	12
Complications of pregnancy, childbirth, and the puerperium (630-676)	2		2			
Congenital anomalies (740-759)	15	10	5	8	2	6
Certain conditions originating in the perinatal period (760-779)	38	16	22	11	7	4
Symptoms, signs, and ill-defined conditions (780-799)	16	7	9	20	10	10
All other diseases (Residual)	120	34	86	94	50	44
Motor vehicle accidents (E810-E825)	50	36	14	53	38	15
All other accidents and adverse effects (E800-E807, E826-E949)	56	39	17	37	27	10
Suicide (E950-E959)	14	13	1	18	11	7
Homicide and legal intervention (E960-E978)	63	52	11	23	19	4
All other external causes (E980-E999)	7	4	3	6	3	3

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	LESS THAN 1 YEAR					
	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	72	33	39	35	20	15
Deaths under 1 year	72	33	39	35	20	15
Deaths under 1 month	46	20	26	19	8	11
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	1	2	2	1	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1	1				
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	1	1				
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	1		1			
Diseases of the heart (390-398, 402, 404-429)	1		1			
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	1		1			
Hypertension with or without renal diseas (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arterices, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	2	1	1	1	1	
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	1				
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	11	7	4	7	2	5
Certain conditions originating in the perinatal period (760-779)	38	16	22	11	7	4
Symptoms, signs, and ill-defined conditions (780-799)	6	1	5	11	7	4
All other diseases (Residual)	3	2	1			
Motor vehicle accidents (E810-E825)	1		1	1	1	
All other accidents and adverse effects (E800-E807, E826-E949)	2		2	1		1
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	2	2		1	1	
All other external causes (E980-E999)	1	1				

TABLE 41
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	LESS THAN 1 YEAR					
	TOTAL	TOTAL MALE	FEMALE	TOTAL	WHITE MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	458	245	213	351	192	159
Deaths under 1 year	458	245	213	351	192	159
Deaths under 1 month	268	142	126	213	114	99
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	11	5	6	6	3	3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	3	1	2	2		2
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	3	1	2	2		2
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	11	7	4	10	7	3
Diseases of the heart (390-398, 402, 404-429)	11	7	4	10	7	3
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	11	7	4	10	7	3
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	7	4	3	4	2	2
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	1				
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	98	50	48	80	41	39
Certain conditions originating in the perinatal period (760-779)	185	99	86	138	76	62
Symptoms, signs, and ill-defined conditions (780-799)	96	51	45	79	43	36
All other diseases (Residual)	21	14	7	14	11	3
Motor vehicle accidents (E810-E825)	10	6	4	8	5	3
All other accidents and adverse effects (E800-E807, E826-E949)	6	1	5	3	1	2
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	8	5	3	5	2	3
All other external causes (E980-E999)	1	1				

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

01 - 04

	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE	WHITE TOTAL	WHITE MALE	WHITE FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	101	49	52	76	32	44
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	4	3	1	1	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	9	2	7	8	1	7
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)	1		1	1		1
Leukemia (204-208)	4		4	4		4
Other malignant neoplasms (140-149, 170-173, 190-203)	4	2	2	3	1	2
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	4	3	1	2	1	1
Diseases of the heart (390-398, 402, 404-429)	4	3	1	2	1	1
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	4	3	1	2	1	1
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	3	1	2	2		2
Chronic obstructive pulmonary disease and allied conditions (490-496)	2		2	1		1
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	9	5	4	5	3	2
Certain conditions originating in the perinatal period (760-779)	1	1		1	1	
Symptoms, signs, and ill-defined conditions (780-799)	2		2	2		2
All other diseases (Residual)	12	5	7	9	3	6
Motor vehicle accidents (E810-E825)	16	9	7	13	7	6
All other accidents and adverse effects (E800-E807, E826-E949)	30	17	13	23	12	11
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	8	3	5	7	3	4
All other external causes (E980-E999)	1		1	1		1

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

01 - 04

	BLACK TOTAL	BLACK MALE	BLACK FEMALE	INDIAN TOTAL	INDIAN MALE	INDIAN FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	20	14	6	5	3	2
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 099-139)	3	2	1			
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1	1				
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	1	1				
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	1	1		1	1	
Diseases of the heart (390-398, 402, 404-429)	1	1		1	1	
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	1	1		1	1	
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	1	1				
Chronic obstructive pulmonary disease and allied conditions (490-496)	1		1			
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	2	2		1		1
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	2	1	1	1	1	
Motor vehicle accidents (E810-E825)	3	2	1			
All other accidents and adverse effects (E800-E807, E826-E949)	5	4	1	2	1	1
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	1		1			
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

05 - 09

	TOTAL	TOTAL	TOTAL	WHITE	WHITE	WHITE
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	76	46	30	65	39	26
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	3		3	3	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	7	2	5	6	1	5
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	2	1	1	2	1	1
Other malignant neoplasms (140-149, 170-173, 190-203)	5	1	4	4		4
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	3	1	2	3	1	2
Diseases of the heart (390-398, 402, 404-429)	2	1	1	2	1	1
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	2	1	1	2	1	1
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	1		1	1		1
Arteriosclerosis (440)						
Other diseases of arterioes, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	4	3	1	4	3	1
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1		1	1		1
All other diseases (Residual)	13	8	5	10	7	3
Motor vehicle accidents (E810-E825)	16	10	6	13	9	4
All other accidents and adverse effects (E800-E807, E826-E949)	24	16	8	20	12	8
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	4	3	1	4	3	1
All other external causes (E980-E999)	1		1	1		1

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

05 - 09

	BLACK TOTAL	BLACK MALE	BLACK FEMALE	INDIAN TOTAL	INDIAN MALE	INDIAN FEMALE
Live births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	5	2	3	6	5	1
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (000-009, 020-088, 098-139)						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1	1				
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	1	1				
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)						
Diseases of the heart (390-398, 402, 404-429)						
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)						
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	1		1	2	1	1
Motor vehicle accidents (E810-E825)	3	1	2			
All other accidents and adverse effects (E800-E807, E826-E949)				4	4	
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1937

	10 - 14					
	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	145	73	72	69	38	31
Physician in hospital	140	70	70	69	38	31
Physician not in hospital						
Midwife, other, or unknown	5	3	2			
Stillbirths	1	1				
Physician in hospital	1	1				
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	51	40	11	43	33	10
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-038, 054-139)	1	1				
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	4	1	3	4	1	3
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	1		1	1		1
Other malignant neoplasms (140-149, 170-173, 190-203)	3	1	2	3	1	2
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	1		1	1		1
Diseases of the Heart (390-398, 402, 404-429)	1		1	1		1
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	1		1	1		1
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	3	3		3	3	
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	7	6	1	5	5	
Motor vehicle accidents (E810-E825)	15	12	3	12	9	3
All other accidents and adverse effects (E800-E807, E826-E949)	13	12	1	12	11	1
Suicide (E950-E959)	4	3	1	3	2	1
Homicide and legal intervention (E960-E978)	2	1	1	2	1	1
All other external causes (E980-E999)	1	1		1	1	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

10 - 14

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	58	24	34	18	11	7
Physician in hospital	56	23	33	15	9	6
Physician not in hospital						
Midwife, other, or unknown	2	1	1	3	2	1
Stillbirths						
Physician in hospital	1	1				
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	4	4		4	3	1
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-039, 043-139)	1	1				
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)						
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)						
Diseases of the heart (390-398, 402, 404-429)						
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)						
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	1	1		1		1
Motor vehicle accidents (E810-E825)	2	2		1	1	
All other accidents and adverse effects (E800-E807, E826-E949)				1	1	
Suicide (E950-E959)				1	1	
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

15 - 19

	TOTAL	TOTAL		WHITE	WHITE	
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births	7,502	3,729	3,773	5,200	2,604	2,596
Physician in hospital	7,288	3,624	3,664	5,096	2,547	2,549
Physician not in hospital	14	8	6	8	4	4
Midwife, other, or unknown	200	97	103	96	53	43
Stillbirths	50	31	19	35	26	9
Physician in hospital	50	31	19	35	26	9
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	213	145	68	177	115	62
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1		1	1		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	13	7	6	10	4	6
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	1				
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)	1		1	1		1
Leukemia (204-208)	5	4	1	4	3	1
Other malignant neoplasms (140-149, 170-173, 190-203)	6	2	4	5	1	4
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	7	4	3	6	4	2
Diseases of the heart (390-398, 402, 404-429)	7	4	3	6	4	2
Rheumatic fever and rheumatic heart disease (390-398)	1	1		1	1	
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	6	3	3	5	3	2
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	3	1	2	3	1	2
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	1		1	1	
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	5	2	3	5	2	3
Certain conditions originating in the perinatal period (760-779)	1	1		1	1	
Symptoms, signs, and ill-defined conditions (780-799)	3	2	1	3	2	1
All other diseases (Residual)	7	5	2	7	5	2
Motor vehicle accidents (E810-E825)	96	61	35	82	50	32
All other accidents and adverse effects (E800-E807, E826-E949)	24	20	4	20	17	3
Suicide (E950-E959)	31	22	9	26	18	8
Homicide and legal intervention (E960-E978)	20	18	2	12	10	2
All other external causes (E980-E999)	1	1				

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

15 - 19

	BLACK TOTAL	MALE	FEMALE	INDIAN TOTAL	MALE	FEMALE
Live Births	1,168	567	601	1,134	558	576
Physician in hospital	1,144	560	584	1,048	517	531
Physician not in hospital	4	3	1	2	1	1
Midwife, other, or unknown	20	4	16	84	40	44
Stillbirths						
Physician in hospital	9	3	6	6	2	4
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	16	14	2	20	16	4
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	3	3				
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	1				
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	1	1				
Other malignant neoplasms (140-149, 170-173, 190-203)	1	1				
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	1		1			
Diseases of the heart (390-398, 402, 404-429)	1		1			
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	1		1			
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)						
Motor vehicle accidents (E810-E825)	6	5	1	8	6	2
All other accidents and adverse effects (E800-E807, E826-E949)	1	1		3	2	1
Suicide (E950-E959)	1	1		4	3	1
Homicide and legal intervention (E960-E978)	4	4		4	4	
All other external causes (E980-E999)				1	1	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY AGE, RACE AND SEX, OKLAHOMA, 1987

20 - 24

	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE	WHITE TOTAL	WHITE MALE	WHITE FEMALE
Live births	15,660	7,929	7,731	11,950	6,082	5,868
Physician in hospital	15,283	7,749	7,534	11,738	5,983	5,755
Physician not in hospital	16	5	11	14	3	11
Midwife, other, or unknown	361	175	186	198	96	102
Stillbirths	98	53	45	67	35	32
Physician in hospital	95	53	42	65	35	30
Physician not in hospital	3		3	2		2
Midwife, other, or unknown						
Total deaths, all causes	272	216	56	213	169	44
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-089, 098-139)	6	5	1	4	4	
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	6	5	1	6	5	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	1		1	1		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	5	5		5	5	
Diabetes mellitus (250)	2	1	1	1		1
Major cardiovascular diseases (390-448)	13	6	7	8	3	5
Diseases of the heart (390-398, 402, 404-429)	9	6	3	5	3	2
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	1	1		1	1	
Other heart diseases (415-429)	8	5	3	4	2	2
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	4		4	3		3
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	3	2	1	3	2	1
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	1		1	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)	3		3	1		1
Congenital anomalies (740-759)	5	3	2	4	2	2
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	9	7	2	4	3	1
Motor vehicle accidents (E810-E825)	96	80	16	80	66	14
All other accidents and adverse effects (E800-E807, E826-E949)	35	31	4	29	26	3
Suicide (E950-E959)	53	47	6	46	41	5
Homicide and legal intervention (E960-E978)	36	25	11	24	15	9
All other external causes (E980-E999)	4	3	1	2	1	1

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	20 - 24					
	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	1,786	910	876	1,924	937	987
Physician in hospital	1,759	900	859	1,786	866	920
Physician not in hospital	1	1		1	1	
Midwife, other, or unknown	26	9	17	137	70	67
Stillbirths						
Physician in hospital	20	13	7	10	5	5
Physician not in hospital	1		1			
Midwife, other, or unknown						
Total deaths, all causes	37	30	7	22	17	5
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	1	1			
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)						
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)				1	1	
Major cardiovascular diseases (390-448)	4	3	1	1		1
Diseases of the heart (390-398, 402, 404-429)	4	3	1			
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)						
Other heart diseases (415-429)	4	3	1			
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)				1		1
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)	2		2			
Congenital anomalies (740-759)	1	1				
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	4	3	1	1	1	
Motor vehicle accidents (E810-E825)	5	5		11	9	2
All other accidents and adverse effects (E800-E807, E826-E949)	5	4	1	1	1	
Suicide (E950-E959)	3	3		4	3	1
Homicide and legal intervention (E960-E978)	10	9	1	2	1	1
All other external causes (E980-E999)	1	1		1	1	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

25 - 29

	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE	WHITE TOTAL	WHITE MALE	WHITE FEMALE
Live births	14,724	7,496	7,228	12,179	6,235	5,944
Physician in hospital	14,426	7,357	7,069	11,983	6,139	5,844
Physician not in hospital	22	10	12	19	9	10
Midwife, other, or unknown	276	129	147	177	87	90
Stillbirths	111	65	46	86	50	36
Physician in hospital	104	62	42	79	47	32
Physician not in hospital	6	2	4	6	2	4
Midwife, other, or unknown	1	1		1	1	
Total deaths, all causes	300	204	96	236	162	74
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	16	16		12	12	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	34	9	25	29	9	20
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	1		1	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	1	1		1	1	
Malignant neoplasm of breast (174-175)	1		1	1		1
Malignant neoplasm of genital organs (179-187)	4		4	3		3
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	9	2	7	8	2	6
Other malignant neoplasms (140-149, 170-173, 190-203)	18	5	13	15	5	10
Diabetes mellitus (250)	3	2	1	2	2	
Major cardiovascular diseases (390-448)	19	10	9	13	6	7
Diseases of the heart (390-398, 402, 404-429)	13	8	5	10	5	5
Rheumatic fever and rheumatic heart disease (390-398)	1		1	1		1
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	3	3		1	1	
Other heart diseases (415-429)	9	5	4	8	4	4
Hypertension with or without renal disease (401,403)	1		1	1		1
Cerebrovascular disease (430-438)	5	2	3	2	1	1
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	5	4	1	3	3	
Chronic obstructive pulmonary disease and allied conditions (490-496)	1		1	1		1
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	2	2		2	2	
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	1	1	1	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	1	1		1	1	
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	8	4	4	5	2	3
All other diseases (Residual)	17	7	10	11	4	7
Motor vehicle accidents (E810-E825)	75	55	20	64	47	17
All other accidents and adverse effects (E800-E807, E826-E949)	32	29	3	26	24	2
Suicide (E950-E959)	40	34	6	36	32	4
Homicide and legal intervention (E960-E978)	40	26	14	26	14	12
All other external causes (E980-E999)	5	4	1	4	3	1

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

25 - 29

	BLACK TOTAL	BLACK MALE	BLACK FEMALE	INDIAN TOTAL	INDIAN MALE	INDIAN FEMALE
Live Births	1,274	637	637	1,271	624	647
Physician in hospital	1,250	629	621	1,193	589	604
Physician not in hospital	2	1	1	1		1
Midwife, other, or unknown	22	7	15	77	35	42
Stillbirths						
Physician in hospital	14	8	6	11	7	4
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	37	25	12	27	17	10
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	3		1	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	4		4	1		1
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)	1		1			
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	1		1			
Other malignant neoplasms (140-149, 170-173, 190-203)	2		2	1		1
Diabetes mellitus (250)	1		1			
Major cardiovascular diseases (390-448)	2	1	1	4	3	1
Diseases of the heart (390-398, 402, 404-429)	1	1		2	2	
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	1	1		1	1	
Other heart diseases (415-429)				1	1	
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	1		1	2	1	1
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	2	1	1			
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)	1		1			
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1	1		2	1	1
All other diseases (Residual)	4	1	3	2	2	
Motor vehicle accidents (E810-E825)	3	3		8	5	3
All other accidents and adverse effects (E800-E807, E826-E949)	5	4	1	1	1	
Suicide (E950-E959)	2	2		2		2
Homicide and legal intervention (E960-E978)	9	9		5	3	2
All other external causes (E980-E999)				1	1	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY AGE, RACE AND SEX, OKLAHOMA, 1987

30 - 34

	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE	WHITE TOTAL	WHITE MALE	WHITE FEMALE
Live births	7,351	3,745	3,606	6,193	3,169	3,024
Physician in hospital	7,175	3,660	3,515	6,068	3,111	2,957
Physician not in hospital	7	4	3	7	4	3
Midwife, other, or unknown	169	81	88	118	54	64
Stillbirths	58	31	27	46	24	22
Physician in hospital	57	31	26	45	24	21
Physician not in hospital						
Midwife, other, or unknown	1		1	1		1
Total deaths, all causes	341	227	114	261	178	83
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	14	12	2	11	10	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	51	21	30	40	18	22
Malignant neoplasm of digestive organs and peritoneum (150-159)	11	4	7	9	3	6
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	3	1	3	3	
Malignant neoplasm of breast (174-175)	5		5	2		2
Malignant neoplasm of genital organs (179-187)	4	1	3	3	1	2
Malignant neoplasm of urinary organs (188-189)	3	3		2	2	
Leukemia (204-208)	9	3	6	8	2	6
Other malignant neoplasms (140-149, 170-173, 190-203)	15	7	8	13	7	6
Diabetes mellitus (250)	5	4	1	4	3	1
Major cardiovascular diseases (390-448)	44	29	15	31	22	9
Diseases of the heart (390-398, 402, 404-429)	36	28	8	26	21	5
Rheumatic fever and rheumatic heart disease (390-398)	1		1			
Hypertensive heart disease with or without renal disease (402,404)	1	1		1	1	
Ischemic heart disease (410-414)	17	13	4	14	11	3
Other heart diseases (415-429)	17	14	3	11	9	2
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	7	1	6	4	1	3
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)	1		1	1		1
Pneumonia and influenza (480-487)	3	1	2	2		2
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	5	3	2	5	3	2
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	1		1	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	3		3	3		3
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	7	5	2	6	4	2
All other diseases (Residual)	30	18	12	23	14	9
Motor vehicle accidents (E810-E825)	53	41	12	44	34	10
All other accidents and adverse effects (E800-E807, E826-E949)	31	23	8	23	18	5
Suicide (E950-E959)	43	32	11	38	27	11
Homicide and legal intervention (E960-E978)	42	30	12	24	18	6
All other external causes (E980-E999)	9	7	2	6	6	

TABLE 41
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

30 - 34

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births	572	272	300	586	304	282
Physician in hospital	565	268	297	542	281	261
Physician not in hospital						
Midwife, other, or unknown	7	4	3	44	23	21
Stillbirths						
Physician in hospital	10	6	4	2	1	1
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	58	37	21	22	12	10
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	3	2	1			
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	8	2	6	3	1	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	1		1		1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	1		1			
Malignant neoplasm of breast (174-175)	3		3			
Malignant neoplasm of genital organs (179-187)				1		1
Malignant neoplasm of urinary organs (188-189)				1	1	
Leukemia (204-208)	1	1				
Other malignant neoplasms (140-149, 170-173, 190-203)	2		2			
Diabetes mellitus (250)	1	1				
Major cardiovascular diseases (390-448)	7	5	2	6	2	4
Diseases of the heart (390-398, 402, 404-429)	6	5	1	4	2	2
Rheumatic fever and rheumatic heart disease (390-398)	1		1			
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	1	1		2	1	1
Other heart diseases (415-429)	4	4		2	1	1
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	1		1	2		2
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	1	1				
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1	1				
All other diseases (Residual)	6	4	2	1		1
Motor vehicle accidents (E810-E825)	5	4	1	4	3	1
All other accidents and adverse effects (E800-E807, E826-E949)	6	4	2	2	1	1
Suicide (E950-E959)	3	3		2	2	
Homicide and legal intervention (E960-E978)	14	9	5	4	3	1
All other external causes (E980-E999)	3	1	2			

TABLE 11
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	35 - 39					
		TOTAL			WHITE	
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births	2,010	1,038	972	1,666	864	802
Physician in hospital	1,958	1,020	938	1,625	852	773
Physician not in hospital	6	2	4	5	2	3
Midwife, other, or unknown	46	16	30	36	10	26
Stillbirths	39	21	18	28	14	14
Physician in hospital	38	20	18	27	13	14
Physician not in hospital	1	1		1	1	
Midwife, other, or unknown						
Total deaths, all causes	414	250	164	335	204	131
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-089, 098-139)	25	19	6	14	13	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	82	26	56	73	24	49
Malignant neoplasm of digestive organs and peritoneum (150-159)	11	6	5	11	6	5
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	6	3	3	5	3	2
Malignant neoplasm of breast (174-175)	24		24	23		23
Malignant neoplasm of genital organs (179-187)	12		12	8		8
Malignant neoplasm of urinary organs (188-189)	5	2		2	2	
Leukemia (204-208)	7	4	3	4	2	2
Other malignant neoplasms (140-149, 170-173, 190-203)	20	11	9	20	11	9
Diabetes mellitus (250)	6	4	2	5	3	2
Major cardiovascular diseases (390-448)	78	54	24	57	41	16
Diseases of the heart (390-398, 402, 404-429)	60	43	17	45	33	12
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	3	2	1	1	1	
Ischemic heart disease (410-414)	37	25	12	28	19	9
Other heart diseases (415-429)	20	16	4	16	13	3
Hypertension with or without renal disease (401,403)	1		1	1		1
Cerebrovascular disease (430-438)	16	10	6	11	8	3
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)	1	1				
Pneumonia and influenza (480-487)	3		3	3		3
Chronic obstructive pulmonary disease and allied conditions (490-496)	6	2	4	6	2	4
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	13	10	3	6	5	1
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	1	2	2	1	1
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	3	1	2	3	1	2
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	7	3	4	7	3	4
All other diseases (Residual)	32	22	10	27	18	9
Motor vehicle accidents (E810-E825)	49	33	16	44	30	14
All other accidents and adverse effects (E800-E807, E826-E949)	20	13	7	17	12	5
Suicide (E950-E959)	49	33	16	46	32	14
Homicide and legal intervention (E960-E978)	34	27	7	24	18	6
All other external causes (E980-E999)	4	2	2	1	1	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY AGE, RACE AND SEX, OKLAHOMA, 1987

	35 - 39					
		BLACK			INDIAN	
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births	173	88	85	171	86	85
Physician in hospital	169	87	82	164	81	83
Physician not in hospital	1		1			
Midwife, other, or unknown	3	1	2	7	5	2
Stillbirths						
Physician in hospital	5	2	3	6	5	1
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	50	29	21	29	17	12
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	9	6	3	2		2
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	6	1	5	3	1	2
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	1		1			
Malignant neoplasm of breast (174-175)	1		1			
Malignant neoplasm of genital organs (179-187)	2		2	2		2
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)	2	1	1	1	1	
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)	1	1				
Major cardiovascular diseases (390-448)	15	9	6	6	4	2
Diseases of the heart (390-398, 402, 404-429)	11	7	4	4	3	1
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	2	1	1			
Ischemic heart disease (410-414)	6	4	2	3	2	1
Other heart diseases (415-429)	3	2	1	1	1	
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	3	1	2	2	1	1
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)	1	1				
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	3	1	2	4	4	
Nephritis, nephrotic syndrome and nephrosis (580-589)	1		1			
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	3	2	1	2	2	
Motor vehicle accidents (E810-E825)	2	1	1	3	2	1
All other accidents and adverse effects (E800-E807, E826-E949)				3	1	2
Suicide (E950-E959)				3	1	2
Homicide and legal intervention (E960-E978)	8	7	1	2	2	
All other external causes (E980-E999)	2	1	1	1		1

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY AGE, RACE AND SEX, OKLAHOMA, 1987

	40 - 44					
		TOTAL			WHITE	
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births..	282	135	147	232	110	122
Physician in hospital..................................	274	130	144	225	105	120
Physician not in hospital..............................						
Midwife, other, or unknown.............................	8	5	3	7	5	2
Stillbirths..	2	2		1	1	
Physician in hospital..................................	2	2		1	1	
Physician not in hospital..............................						
Midwife, other, or unknown.............................						
Total deaths, all causes.............................	529	361	168	442	305	137
Deaths under 1 year....................................						
Deaths under 1 month...................................						
Tuberculosis ....(010-018)						
Syphilis ....(090-097)						
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	20	14	6	17	13	4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues ....(140-208)	131	72	59	115	65	50
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	23	14	9	22	14	8
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	43	27	16	39	25	14
Malignant neoplasm of breast ....(174-175)	20		20	16		16
Malignant neoplasm of genital organs ....(179-187)	3	1	2	3	1	2
Malignant neoplasm of urinary organs .(188-189)	5	5		3	3	
Leukemia ....(204-208)	4	2	2	4	2	2
Other malignant neoplasms ....(140-149, 170-173, 190-203)	33	23	10	28	20	8
Diabetes mellitus ....(250)	14	8	6	9	4	5
Major cardiovascular diseases ....(390-448)	164	125	39	136	104	32
Diseases of the heart ....(390-398, 402, 404-429)	134	108	26	109	89	20
Rheumatic fever and rheumatic heart disease ....(390-398)	3		3	3		3
Hypertensive heart disease with or without renal disease ....(402,404)	2	2		1	1	
Ischemic heart disease ....(410-414)	92	80	12	75	66	9
Other heart diseases ....(415-429)	37	26	11	30	22	8
Hypertension with or without renal disease ....(401,403)	1	1		1	1	
Cerebrovascular disease ....(430-438)	23	12	11	20	10	10
Arteriosclerosis ....(440)	1	1		1	1	
Other diseases of arteries, arterioles, and capillaries ....(441-448)	5	3	2	5	3	2
Pneumonia and influenza ....(480-487)	9	7	2	7	6	1
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	6	3	3	5	3	2
Ulcer of stomach and duodenum ....(531-533)	3	3		3	3	
Chronic liver disease and cirrhosis ....(571)	13	9	4	10	7	3
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	1		1	1		1
Complications of pregnancy, childbirth, and the puerperium ....(630-676)						
Congenital anomalies ....(740-759)	3	2	1	3	2	1
Certain conditions originating in the perinatal period ....(760-779)						
Symptoms, signs, and ill-defined conditions ....(780-799)	4	4		4	4	
All other diseases ....(Residual)	43	23	20	31	18	13
Motor vehicle accidents ....(E810-E825)	32	17	15	28	15	13
All other accidents and adverse effects ....(E800-E807, E826-E949)	37	34	3	34	31	3
Suicide ....(E950-E959)	30	23	7	28	21	7
Homicide and legal intervention ....(E960-E978)	18	16	2	10	8	2
All other external causes ....(E980-E999)	1	1		1	1	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	40 - 44					
	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births	15	10	5	35	15	20
Physician in hospital	15	10	5	34	15	19
Physician not in hospital						
Midwife, other, or unknown				1		1
Stillbirths						
Physician in hospital	1	1				
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	54	33	21	33	23	10
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1		1	2	1	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	13	7	6	3		3
Malignant neoplasm of digestive organs and peritoneum (150-159)	1		1			
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	2	2			
Malignant neoplasm of breast (174-175)	2		2	2		2
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)	2	2				
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	4	3	1	1		1
Diabetes mellitus (250)	2	1	1	3	3	
Major cardiovascular diseases (390-448)	19	15	4	9	6	3
Diseases of the heart (390-398, 402, 404-429)	16	13	3	9	6	3
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	1	1				
Ischemic heart disease (410-414)	11	10	1	6	4	2
Other heart diseases (415-429)	4	2	2	3	2	1
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	3	2	1			
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)	1	1		1		1
Chronic obstructive pulmonary disease and allied conditions (490-496)	1		1			
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	2	1	1	1	1	
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	7	2	5	5	3	2
Motor vehicle accidents (E810-E825)	2		2	2	2	
All other accidents and adverse effects (E800-E807, E826-E949)	1	1		2	2	
Suicide (E950-E959)	1	1		1	1	
Homicide and legal intervention (E960-E978)	4	4		4	4	
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	45 - 49					
	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births	11	6	5	9	4	5
Physician in hospital	11	6	5	9	4	5
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	638	391	247	541	333	208
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	11	4	7	10	4	6
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	194	95	99	161	79	82
Malignant neoplasm of digestive organs and peritoneum (150-159)	33	19	14	26	16	10
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	52	38	14	42	32	10
Malignant neoplasm of breast (174-175)	33		33	27		27
Malignant neoplasm of genital organs (179-187)	14	2	12	11	2	9
Malignant neoplasm of urinary organs (188-189)	7	7		5	5	
Leukemia (204-208)	10	6	4	9	5	4
Other malignant neoplasms (140-149, 170-173, 190-203)	45	23	22	41	19	22
Diabetes mellitus (250)	11	5	6	4	1	3
Major cardiovascular diseases (390-448)	201	143	58	172	125	47
Diseases of the heart (390-398, 402, 404-429)	178	134	44	154	117	37
Rheumatic fever and rheumatic heart disease (390-398)	3	1	2	3	1	2
Hypertensive heart disease with or without renal disease (402,404)	6	5	1	5	4	1
Ischemic heart disease (410-414)	123	98	25	107	83	24
Other heart diseases (415-429)	46	30	16	39	29	10
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	20	6	14	15	5	10
Arteriosclerosis (440)	1	1		1	1	
Other diseases of arteries, arterioles, and capillaries (441-448)	2	2		2	2	
Pneumonia and influenza (480-487)	2	2		2	2	
Chronic obstructive pulmonary disease and allied conditions (490-496)	16	5	11	14	4	10
Ulcer of stomach and duodenum (531-533)	1	1		1	1	
Chronic liver disease and cirrhosis (571)	18	14	4	12	10	2
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	3		2	2	
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	4	1	3	4	1	3
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	7	3	4	7	3	4
All other diseases (Residual)	49	32	17	44	28	16
Motor vehicle accidents (E810-E825)	28	20	8	25	18	7
All other accidents and adverse effects (E800-E807, E826-E949)	27	24	3	21	19	2
Suicide (E950-E959)	39	24	15	39	24	15
Homicide and legal intervention (E960-E978)	21	13	8	17	10	7
All other external causes (E980-E999)	6	2	4	6	2	4

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1997

45 - 49

	BLACK TOTAL	BLACK MALE	BLACK FEMALE	INDIAN TOTAL	INDIAN MALE	INDIAN FEMALE
Live births	1	1		1	1	
Physician in hospital	1	1		1	1	
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	65	40	25	32	18	14
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1		1			
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	22	10	12	11	6	5
Malignant neoplasm of digestive organs and peritoneum (150-159)	3	1	2	4	2	2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	7	4	3	3	2	1
Malignant neoplasm of breast (174-175)	5		5	1		1
Malignant neoplasm of genital organs (179-187)	2		2	1		1
Malignant neoplasm of urinary organs (188-189)	2	2				
Leukemia (204-208)				1	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	3	3		1	1	
Diabetes mellitus (250)	6	4	2	1		1
Major cardiovascular diseases (390-448)	19	12	7	10	6	4
Diseases of the heart (390-398, 402, 404-429)	16	11	5	8	6	2
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	1	1				
Ischemic heart disease (410-414)	9	9		7	6	1
Other heart diseases (415-429)	6	1	5	1		1
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	3	1	2	2		2
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	1		1		1
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	2	1	1	4	3	1
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	1				
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	4	3	1	1	1	
Motor vehicle accidents (E810-E825)	1	1		2	1	1
All other accidents and adverse effects (E800-E807, E826-E949)	4	4		2	1	1
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	4	3	1			
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	50 - 54					
		TOTAL			WHITE	
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	930	566	364	789	488	301
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	1	1		1	1	
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	6	5	1	4	4	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	334	154	180	296	138	158
Malignant neoplasm of digestive organs and peritoneum (150-159)	51	24	27	47	21	26
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	106	69	37	95	62	33
Malignant neoplasm of breast (174-175)	50		50	43		43
Malignant neoplasm of genital organs (179-187)	26	3	23	20	2	18
Malignant neoplasm of urinary organs (188-189)	10	7	3	8	6	2
Leukemia (204-208)	14	7	7	12	6	6
Other malignant neoplasms (140-149, 170-173, 190-203)	77	44	33	71	41	30
Diabetes mellitus (250)	20	10	10	12	5	7
Major cardiovascular diseases (390-448)	334	241	93	286	213	73
Diseases of the heart (390-398, 402, 404-429)	290	216	74	250	193	57
Rheumatic fever and rheumatic heart disease (390-398)	3	1	2	2	1	1
Hypertensive heart disease with or without renal disease (402,404)	6	4	2	3	3	
Ischemic heart disease (410-414)	220	174	46	194	157	37
Other heart diseases (415-429)	61	37	24	51	32	19
Hypertension with or without renal disease (401,403)	2	1	1	2	1	1
Cerebrovascular disease (430-438)	35	20	15	29	15	14
Arteriosclerosis (440)	3	2	1	2	2	
Other diseases of arteries, arterioles, and capillaries (441-448)	4	2	2	3	2	1
Pneumonia and influenza (480-487)	8	4	4	8	4	4
Chronic obstructive pulmonary disease and allied conditions (490-496)	43	25	18	38	22	16
Ulcer of stomach and duodenum (531-533)	1	1		1	1	
Chronic liver disease and cirrhosis (571)	19	13	6	13	8	5
Nephritis, nephrotic syndrome and nephrosis (580-589)	7	5	2	4	3	1
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	1		1	1		1
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	2	2		2	2	
All other diseases (Residual)	58	34	24	42	25	17
Motor vehicle accidents (E810-E825)	25	21	4	20	17	3
All other accidents and adverse effects (E800-E807, E826-E949)	22	16	6	19	14	5
Suicide (E950-E959)	36	24	12	33	23	10
Homicide and legal intervention (E960-E978)	6	6		4	4	
All other external causes (E980-E999)	7	4	3	5	4	1

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	50 - 54					
	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	85	44	41	56	34	22
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	1	1		1		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	30	12	18	8	4	4
Malignant neoplasm of digestive organs and peritoneum (150-159)	2	1	1	2	2	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	9	5	4	2	2	
Malignant neoplasm of breast (174-175)	6		6	1		1
Malignant neoplasm of genital organs (179-187)	4	1	3	2		2
Malignant neoplasm of urinary organs (188-189)	2	1	1			
Leukemia (204-208)	1	1		1		1
Other malignant neoplasms (140-149, 170-173, 190-203)	6	3	3			
Diabetes mellitus (250)	3	2	1	5	3	2
Major cardiovascular diseases (390-448)	27	13	14	21	15	6
Diseases of the heart (390-398, 402, 404-429)	21	10	11	19	13	6
Rheumatic fever and rheumatic heart disease (390-398)	1		1			
Hypertensive heart disease with or without renal disease (402,404)	2	1	1	1		1
Ischemic heart disease (410-414)	14	8	6	12	9	3
Other heart diseases (415-429)	4	1	3	6	4	2
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	4	3	1	2	2	
Arteriosclerosis (440)	1		1			
Other diseases of arteries, arterioles, and capillaries (441-448)	1		1			
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	1	2	2	2	
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	2	2		4	3	1
Nephritis, nephrotic syndrome and nephrosis (580-589)				3	2	1
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	9	6	3	7	3	4
Motor vehicle accidents (E810-E825)	3	2	1	2	2	
All other accidents and adverse effects (E800-E807, E826-E949)	3	2	1			
Suicide (E950-E959)	2	1	1	1		1
Homicide and legal intervention (E960-E978)	2	2				
All other external causes (E980-E999)				2		2

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	55 - 59					
	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	1,400	871	529	1,227	758	469
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	1		1	1		1
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	15	12	3	13	11	2
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	472	277	195	422	242	180
Malignant neoplasm of digestive organs and peritoneum (150-159)	94	62	32	79	50	29
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	181	135	46	160	119	41
Malignant neoplasm of breast (174-175)	47		47	42		42
Malignant neoplasm of genital organs (179-187)	24	5	19	24	5	19
Malignant neoplasm of urinary organs (188-189)	23	13	10	21	12	9
Leukemia (204-208)	13	6	7	13	6	7
Other malignant neoplasms (140-149, 170-173, 190-203)	90	56	34	83	50	33
Diabetes mellitus (250)	27	18	9	22	14	8
Major cardiovascular diseases (390-448)	573	384	189	502	340	162
Diseases of the heart (390-398, 402, 404-429)	482	333	149	426	300	126
Rheumatic fever and rheumatic heart disease (390-398)	8	2	6	7	1	6
Hypertensive heart disease with or without renal disease (402,404)	5	3	2	5	3	2
Ischemic heart disease (410-414)	353	248	105	317	226	91
Other heart diseases (415-429)	116	80	36	97	70	27
Hypertension with or without renal disease (401,403)	4	2	2	4	2	2
Cerebrovascular disease (430-438)	72	40	32	58	30	28
Arteriosclerosis (440)	5	3	2	5	3	2
Other diseases of arteries, arterioles, and capillaries (441-448)	10	6	4	9	5	4
Pneumonia and influenza (480-487)	20	13	7	15	9	6
Chronic obstructive pulmonary disease and allied conditions (490-496)	59	31	28	55	29	26
Ulcer of stomach and duodenum (531-533)	3	3		2	2	
Chronic liver disease and cirrhosis (571)	28	16	12	23	13	10
Nephritis, nephrotic syndrome and nephrosis (580-589)	12	7	5	8	4	4
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	1	1		1	1	
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	5	1	4	4	1	3
All other diseases (Residual)	97	51	46	78	45	33
Motor vehicle accidents (E810-E825)	27	16	11	22	11	11
All other accidents and adverse effects (E800-E807, E826-E949)	26	16	10	22	12	10
Suicide (E950-E959)	27	21	6	26	20	6
Homicide and legal intervention (E960-E978)	7	4	3	6	4	2
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	55 - 59					
	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	112	70	42	61	43	18
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	1	1			
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	33	23	10	17	12	5
Malignant neoplasm of digestive organs and peritoneum (150-159)	10	8	2	5	4	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	11	8	3	10	8	2
Malignant neoplasm of breast (174-175)	3		3	2		2
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)	2	1	1			
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	7	6	1			
Diabetes mellitus (250)	4	4		1		1
Major cardiovascular diseases (390-448)	49	28	21	22	16	6
Diseases of the heart (390-398, 402, 404-429)	39	21	18	17	12	5
Rheumatic fever and rheumatic heart disease (390-398)	1	1				
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	23	12	11	13	10	3
Other heart diseases (415-429)	15	8	7	4	2	2
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	9	6	3	5	4	1
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)	1	1				
Pneumonia and influenza (480-487)	3	3		2	1	1
Chronic obstructive pulmonary disease and allied conditions (490-496)	3	1	2	1	1	
Ulcer of stomach and duodenum (531-533)	1	1				
Chronic liver disease and cirrhosis (571)	4	2	2	1	1	
Nephritis, nephrotic syndrome and nephrosis (580-589)	1		1	3	3	
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1		1			
All other diseases (Residual)	5	2	3	9	4	5
Motor vehicle accidents (E810-E825)	2	2		3	3	
All other accidents and adverse effects (E800-E807, E826-E949)	2	2		2	2	
Suicide (E950-E959)	1	1				
Homicide and legal intervention (E960-E978)	1		1			
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	60 - 64					
	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	2,151	1,368	783	1,881	1,204	677
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	25	13	12	17	9	8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	736	425	311	655	379	276
Malignant neoplasm of digestive organs and peritoneum (150-159)	154	101	53	131	87	44
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	301	201	100	277	185	92
Malignant neoplasm of breast (174-175)	51		51	48		48
Malignant neoplasm of genital organs (179-187)	50	19	31	42	15	27
Malignant neoplasm of urinary organs (188-189)	30	20	10	29	19	10
Leukemia (204-208)	12	5	7	12	5	7
Other malignant neoplasms (140-149, 170-173, 190-203)	138	79	59	116	63	43
Diabetes mellitus (250)	39	20	19	29	16	13
Major cardiovascular diseases (390-448)	885	596	289	764	519	245
Diseases of the heart (390-398, 402, 404-429)	760	529	231	662	464	198
Rheumatic fever and rheumatic heart disease (390-398)	7	2	5	7	2	5
Hypertensive heart disease with or without renal disease (402,404)	15	7	8	12	6	6
Ischemic heart disease (410-414)	581	415	166	512	367	145
Other heart diseases (415-429)	157	105	52	131	89	42
Hypertension with or without renal disease (401,403)	4	1	3	2	1	1
Cerebrovascular disease (430-438)	97	49	48	80	40	40
Arteriosclerosis (440)	9	8	1	7	6	1
Other diseases of arteries, arterioles, and capillaries (441-448)	15	9	6	13	8	5
Pneumonia and influenza (480-487)	34	26	8	28	22	6
Chronic obstructive pulmonary disease and allied conditions (490-496)	107	82	25	100	76	24
Ulcer of stomach and duodenum (531-533)	8	3	5	7	2	5
Chronic liver disease and cirrhosis (571)	40	32	8	36	28	8
Nephritis, nephrotic syndrome and nephrosis (580-589)	12	8	4	9	6	3
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	3	1	2	3	1	2
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	12	6	6	12	6	6
All other diseases (Residual)	140	82	58	120	71	49
Motor vehicle accidents (E810-E825)	31	17	14	26	16	10
All other accidents and adverse effects (E800-E807, E826-E949)	33	24	9	29	20	9
Suicide (E950-E959)	39	29	10	39	29	10
Homicide and legal intervention (E960-E978)	7	4	3	7	4	3
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	60 - 64					
	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	182	112	70	88	52	36
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-089, 098-139)	4	2	2	4	2	2
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	59	36	23	22	10	12
Malignant neoplasm of digestive organs and peritoneum (150-159)	19	13	6	4	1	3
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	16	11	5	8	5	3
Malignant neoplasm of breast (174-175)	2		2	1		1
Malignant neoplasm of genital organs (179-187)	5	3	2	3	1	2
Malignant neoplasm of urinary organs (188-189)	1	1				
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	16	8	8	6	3	3
Diabetes mellitus (250)	4	3	1	6	1	5
Major cardiovascular diseases (390-448)	83	50	33	38	27	11
Diseases of the heart (390-398, 402, 404-429)	64	40	24	34	25	9
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	3	1	2			
Ischemic heart disease (410-414)	41	26	15	28	22	6
Other heart diseases (415-429)	20	13	7	6	3	3
Hypertension with or without renal disease (401,403)	2		2			
Cerebrovascular disease (430-438)	13	7	6	4	2	2
Arteriosclerosis (440)	2	2				
Other diseases of arteries, arterioles, and capillaries (441-448)	2	1	1			
Pneumonia and influenza (480-487)	4	2	2	2	2	
Chronic obstructive pulmonary disease and allied conditions (490-496)	4	4		3	2	1
Ulcer of stomach and duodenum (531-533)	1	1				
Chronic liver disease and cirrhosis (571)	2	2		2	2	
Nephritis, nephrotic syndrome and nephrosis (580-589)	3	2	1			
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	12	6	6	8	5	3
Motor vehicle accidents (E810-E825)	3	1	2	2		2
All other accidents and adverse effects (E800-E807, E826-E949)	3	3		1	1	
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	65 - 69					
		TOTAL			WHITE	
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	2,926	1,752	1,174	2,628	1,579	1,049
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	28	18	10	24	15	9
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	963	559	404	874	506	368
Malignant neoplasm of digestive organs and peritoneum (150-159)	187	123	64	168	109	59
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	375	249	126	347	228	119
Malignant neoplasm of breast (174-175)	80		80	72		72
Malignant neoplasm of genital organs (179-187)	78	35	43	67	30	37
Malignant neoplasm of urinary organs (188-189)	33	27	6	29	24	5
Leukemia (204-208)	25	19	6	22	17	5
Other malignant neoplasms (140-149, 170-173, 190-203)	185	106	79	169	98	71
Diabetes mellitus (250)	52	23	29	39	18	21
Major cardiovascular diseases (390-448)	1,290	828	462	1,154	747	407
Diseases of the heart (390-398, 402, 404-429)	1,084	718	366	970	644	326
Rheumatic fever and rheumatic heart disease (390-398)	4	1	3	4	1	3
Hypertensive heart disease with or without renal disease (402,404)	14	7	7	10	5	5
Ischemic heart disease (410-414)	806	540	266	730	489	241
Other heart diseases (415-429)	260	170	90	226	149	77
Hypertension with or without renal disease (401,403)	10	5	5	9	4	5
Cerebrovascular disease (430-438)	138	69	69	123	66	57
Arteriosclerosis (440)	15	8	7	12	7	5
Other diseases of arteries, arterioles, and capillaries (441-448)	43	28	15	40	26	14
Pneumonia and influenza (480-487)	43	30	13	38	26	12
Chronic obstructive pulmonary disease and allied conditions (490-496)	158	96	62	152	92	60
Ulcer of stomach and duodenum (531-533)	6	3	3	6	3	3
Chronic liver disease and cirrhosis (571)	39	25	14	34	23	11
Nephritis, nephrotic syndrome and nephrosis (580-589)	31	11	20	26	8	18
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	3	2	1	3	2	1
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	9	5	4	7	4	3
All other diseases (Residual)	194	86	108	170	77	93
Motor vehicle accidents (E810-E825)	30	17	13	26	14	12
All other accidents and adverse effects (E800-E807, E826-E949)	42	24	18	40	22	18
Suicide (E950-E959)	32	21	11	31	20	11
Homicide and legal intervention (E960-E978)	6	4	2	4	2	2
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

65 - 69

	BLACK TOTAL	BLACK MALE	BLACK FEMALE	INDIAN TOTAL	INDIAN MALE	INDIAN FEMALE
Live births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	184	104	80	114	69	45
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-089, 098-139)	2	2		2	1	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	57	33	24	32	20	12
Malignant neoplasm of digestive organs and peritoneum (150-159)	14	11	3	5	3	2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	18	12	6	12	9	3
Malignant neoplasm of breast (174-175)	5		5	3		3
Malignant neoplasm of genital organs (179-187)	3	1	2	3	2	1
Malignant neoplasm of urinary organs (188-189)	2	1	1	2		
Leukemia (204-208)	1	1		2	1	1
Other malignant neoplasms (140-149, 170-173, 190-203)	9	5	4	7	1	6
Diabetes mellitus (250)	6	4	2	4	3	1
Major cardiovascular diseases (390-448)	86	47	39	50	34	16
Diseases of the heart (390-398, 402, 404-429)	73	42	31	41	32	9
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402, 404)	2	1	1	2	1	1
Ischemic heart disease (410-414)	47	27	20	29	24	5
Other heart diseases (415-429)	24	14	10	10	7	3
Hypertension with or without renal disease (401, 403)	1	1				
Cerebrovascular disease (430-438)	10	3	7	5		5
Arteriosclerosis (440)	2	1	1	1		1
Other diseases of arteries, arterioles, and capillaries (441-448)				3	2	1
Pneumonia and influenza (480-487)	5	4	1			
Chronic obstructive pulmonary disease and allied conditions (490-496)	2	1	1	4	3	1
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	2	1	1	3	1	2
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	1	1	3	2	1
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	2	1	1			
All other diseases (Residual)	14	4	10	2	1	1
Motor vehicle accidents (E810-E825)	2	2		2	1	1
All other accidents and adverse effects (E800-E807, E826-E949)						
Suicide (E950-E959)	1	1		2	2	
Homicide and legal intervention (E960-E978)	1	1		1	1	
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

70 - 74

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	3,501	2,051	1,450	3,183	1,875	1,308
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	2	1	1	1	1	
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	37	17	20	30	13	17
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1,019	616	403	950	574	376
Malignant neoplasm of digestive organs and peritoneum (150-159)	210	122	88	190	109	81
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	376	266	110	362	253	109
Malignant neoplasm of breast (174-175)	51	1	50	49	1	48
Malignant neoplasm of genital organs (179-187)	113	62	51	99	55	44
Malignant neoplasm of urinary organs (188-189)	37	26	11	34	24	10
Leukemia (204-208)	35	22	13	34	21	13
Other malignant neoplasms (140-149, 170-173, 190-203)	197	117	80	182	111	71
Diabetes mellitus (250)	54	18	36	41	14	27
Major cardiovascular diseases (390-448)	1,647	976	671	1,496	894	602
Diseases of the heart (390-398, 402, 404-429)	1,326	807	519	1,212	743	469
Rheumatic fever and rheumatic heart disease (390-398)	10	3	7	10	3	7
Hypertensive heart disease with or without renal disease (402,404)	18	7	11	15	7	8
Ischemic heart disease (410-414)	963	602	361	893	560	333
Other heart diseases (415-429)	335	195	140	294	173	121
Hypertension with or without renal disease (401,403)	7	3	4	4	1	3
Cerebrovascular disease (430-438)	233	112	121	205	97	108
Arteriosclerosis (440)	23	13	10	20	13	7
Other diseases of arteries, arterioles, and capillaries (441-448)	58	41	17	55	40	15
Pneumonia and influenza (480-487)	90	56	34	79	49	30
Chronic obstructive pulmonary disease and allied conditions (490-496)	209	128	81	196	118	78
Ulcer of stomach and duodenum (531-533)	11	6	5	9	3	6
Chronic liver disease and cirrhosis (571)	26	15	11	22	13	9
Nephritis, nephrotic syndrome and nephrosis (580-589)	42	23	19	34	21	13
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	3	1	2	2	1	1
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	15	9	6	13	7	6
All other diseases (Residual)	272	128	144	244	115	129
Motor vehicle accidents (E810-E825)	22	16	6	19	13	6
All other accidents and adverse effects (E800-E807, E826-E949)	33	25	8	29	22	7
Suicide (E950-E959)	14	13	1	14	13	1
Homicide and legal intervention (E960-E978)	5	3	2	5	3	2
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY AGE, RACE AND SEX, OKLAHOMA, 1987

70 - 74

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	204	114	90	114	62	52
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)				1		1
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-044, 058-139)	4	2	2	3	2	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	49	31	18	20	11	9
Malignant neoplasm of digestive organs and peritoneum (150-159)	14	9	5	6	4	2
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	12	11	1	2	2	
Malignant neoplasm of breast (174-175)	1		1	1		1
Malignant neoplasm of genital organs (179-187)	11	5	6	3	2	1
Malignant neoplasm of urinary organs (188-189)	1		1	2	2	
Leukemia (204-208)	1	1				
Other malignant neoplasms (140-149, 170-173, 190-203)	9	5	4	6	1	5
Diabetes mellitus (250)	6	2	4	7	2	5
Major cardiovascular diseases (390-448)	101	57	44	50	25	25
Diseases of the heart (390-398, 402, 404-429)	75	44	31	39	20	19
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	3		3			
Ischemic heart disease (410-414)	42	27	15	28	15	13
Other heart diseases (415-429)	30	17	13	11	5	6
Hypertension with or without renal disease (401,403)	3	2	1			
Cerebrovascular disease (430-438)	18	10	8	10	5	5
Arteriosclerosis (440)	2		2	1		1
Other diseases of arteries, arterioles, and capillaries (441-448)	3	1	2			
Pneumonia and influenza (480-487)	7	4	3	4	3	1
Chronic obstructive pulmonary disease and allied conditions (490-496)	6	4	2	7	6	1
Ulcer of stomach and duodenum (531-533)	2	1	1	1	1	
Chronic liver disease and cirrhosis (571)	2	1	1	2	1	1
Nephritis, nephrotic syndrome and nephrosis (580-589)	3		3	5	2	3
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	1		1			
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1	1		1	1	
All other diseases (Residual)	16	6	10	12	7	5
Motor vehicle accidents (E810-E825)	3	3				
All other accidents and adverse effects (E800-E807, E826-E949)	3	2	1	1	1	
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

75 - 79

	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	4,251	2,336	1,915	3,901	2,137	1,764
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	3	2	1	2	2	
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-089, 098-139)	55	25	30	49	23	26
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	972	556	416	905	516	389
Malignant neoplasm of digestive organs and peritoneum (150-159)	247	131	116	228	120	108
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	300	213	87	284	200	84
Malignant neoplasm of breast (174-175)	53		53	50		50
Malignant neoplasm of genital organs (179-187)	120	79	41	106	70	36
Malignant neoplasm of urinary organs (188-189)	43	32	11	42	31	11
Leukemia (204-208)	50	32	18	46	29	17
Other malignant neoplasms (140-149, 170-173, 190-203)	159	69	90	149	66	83
Diabetes mellitus (250)	74	28	46	64	27	37
Major cardiovascular diseases (390-448)	2,209	1,182	1,027	2,028	1,083	945
Diseases of the heart (390-398, 402, 404-429)	1,678	923	755	1,550	848	702
Rheumatic fever and rheumatic heart disease (390-398)	12	4	8	12	4	8
Hypertensive heart disease with or without renal disease (402,404)	30	13	17	25	11	14
Ischemic heart disease (410-414)	1,230	696	534	1,142	642	500
Other heart diseases (415-429)	406	210	196	371	191	180
Hypertension with or without renal disease (401,403)	10	5	5	10	5	5
Cerebrovascular disease (430-438)	412	188	224	370	168	202
Arteriosclerosis (440)	52	27	25	46	23	23
Other diseases of arteries, arterioles, and capillaries (441-448)	57	39	18	52	39	13
Pneumonia and influenza (480-487)	162	93	69	151	86	65
Chronic obstructive pulmonary disease and allied conditions (490-496)	214	146	68	204	138	66
Ulcer of stomach and duodenum (531-533)	16	10	6	16	10	6
Chronic liver disease and cirrhosis (571)	17	8	9	15	8	7
Nephritis, nephrotic syndrome and nephrosis (580-589)	55	26	29	43	19	24
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)	5	3	2	5	3	2
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	10	5	5	9	4	5
All other diseases (Residual)	349	188	161	309	160	149
Motor vehicle accidents (E810-E825)	18	10	8	16	9	7
All other accidents and adverse effects (E800-E807, E826-E949)	60	28	32	53	23	30
Suicide (E950-E959)	26	23	3	26	23	3
Homicide and legal intervention (E960-E978)	5	2	3	5	2	3
All other external causes (E980-E999)	1	1		1	1	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

75 - 79

	BLACK TOTAL	BLACK MALE	BLACK FEMALE	INDIAN TOTAL	INDIAN MALE	INDIAN FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	246	143	103	104	56	48
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)				1		1
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	6	2	4			
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	52	33	19	15	7	8
Malignant neoplasm of digestive organs and peritoneum (150-159)	13	8	5	6	3	3
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	12	11	1	4	2	2
Malignant neoplasm of breast (174-175)	3		3			
Malignant neoplasm of genital organs (179-187)	12	8	4	2	1	1
Malignant neoplasm of urinary organs (188-189)				1	1	
Leukemia (204-208)	4	3	1			
Other malignant neoplasms (140-149, 170-173, 190-203)	8	3	5	2		2
Diabetes mellitus (250)	5	1	4	5		5
Major cardiovascular diseases (390-448)	124	66	58	57	33	24
Diseases of the heart (390-398, 402, 404-429)	91	50	41	37	25	12
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	5	2	3			
Ischemic heart disease (410-414)	61	34	27	27	20	7
Other heart diseases (415-429)	25	14	11	10	5	5
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	28	15	13	14	5	9
Arteriosclerosis (440)	2	1	1	4	3	1
Other diseases of arteries, arterioles, and capillaries (441-448)	3		3	2		2
Pneumonia and influenza (480-487)	7	4	3	4	3	1
Chronic obstructive pulmonary disease and allied conditions (490-496)	8	6	2	2	2	
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)				2		2
Nephritis, nephrotic syndrome and nephrosis (580-589)	8	6	2	4	1	3
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1	1				
All other diseases (Residual)	29	21	8	11	7	4
Motor vehicle accidents (E810-E825)	1		1	1	1	
All other accidents and adverse effects (E800-E807, E826-E949)	5	3	2	2	2	
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	80 - 84					
	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births....................................						
Physician in hospital..........................						
Physician not in hospital......................						
Midwife, other, or unknown.....................						
Stillbirths....................................						
Physician in hospital..........................						
Physician not in hospital......................						
Midwife, other, or unknown.....................						
Total deaths, all causes.......................	4,302	1,954	2,348	3,971	1,807	2,164
Deaths under 1 year............................						
Deaths under 1 month...........................						
Tuberculosis ....(010-018)	5	4	1	2	2	
Syphilis ....(090-097)						
Residual of infectious and parasitic diseases ....(001-009, 020-088, 098-139)	44	21	23	39	18	21
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues ....(140-208)	713	352	361	647	319	328
Malignant neoplasm of digestive organs and peritoneum ....(150-159)	183	79	104	161	70	91
Malignant neoplasm of respiratory and intrathoracic organs ....(160-165)	159	114	45	151	108	43
Malignant neoplasm of breast ....(174-175)	48		48	44		44
Malignant neoplasm of genital organs ....(179-187)	108	64	44	92	56	36
Malignant neoplasm of urinary organs .(188-189)	31	17	14	30	16	14
Leukemia ....(204-208)	26	7	19	24	7	17
Other malignant neoplasms ....(140-149, 170-173, 190-203)	158	71	87	145	62	83
Diabetes mellitus ....(250)	69	29	40	58	24	34
Major cardiovascular diseases ....(390-448)	2,455	1,080	1,375	2,287	1,013	1,274
Diseases of the heart ....(390-398, 402, 404-429)	1,754	802	952	1,627	746	881
Rheumatic fever and rheumatic heart disease ....(390-398)	8	3	5	8	3	5
Hypertensive heart disease with or without renal disease ....(402,404)	38	12	26	34	11	23
Ischemic heart disease ....(410-414)	1,248	597	651	1,168	558	610
Other heart diseases ....(415-429)	460	190	270	417	174	243
Hypertension with or without renal disease ....(401,403)	19	7	12	13	5	8
Cerebrovascular disease ....(430-438)	536	199	337	506	193	313
Arteriosclerosis ....(440)	84	38	46	81	35	46
Other diseases of arterioes, arterioles, and capillaries ....(441-448)	62	34	28	60	34	26
Pneumonia and influenza ....(480-487)	216	92	124	192	79	113
Chronic obstructive pulmonary disease and allied conditions ....(490-496)	156	105	51	148	99	49
Ulcer of stomach and duodenum ....(531-533)	21	9	12	20	9	11
Chronic liver disease and cirrhosis ....(571)	14	6	8	14	6	8
Nephritis, nephrotic syndrome and nephrosis ....(580-589)	77	32	45	67	30	37
Complications of pregnancy, childbirth, and the puerperium ....(630-676)						
Congenital anomalies ....(740-759)	1	1		1	1	
Certain conditions originating in the perinatal period ....(760-779)						
Symptoms, signs, and ill-defined conditions ....(780-799)	29	11	18	25	11	14
All other diseases ....(Residual)	410	164	246	389	155	234
Motor vehicle accidents ....(E810-E825)	18	13	5	16	11	5
All other accidents and adverse effects ....(E800-E807, E826-E949)	56	21	35	51	18	33
Suicide ....(E950-E959)	13	11	2	13	11	2
Homicide and legal intervention ....(E960-E978)	5	3	2	2	1	1
All other external causes ....(E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

80 - 84

	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	222	94	128	109	53	56
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)				3	2	1
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 099-139)	4	3	1	1		1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	52	29	23	14	4	10
Malignant neoplasm of digestive organs and peritoneum (150-159)	17	9	8	5		5
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	4	1	3	2	1
Malignant neoplasm of breast (174-175)	4		4			
Malignant neoplasm of genital organs (179-187)	14	8	6	2		2
Malignant neoplasm of urinary organs (188-189)	1	1				
Leukemia (204-208)	2		2			
Other malignant neoplasms (140-149, 170-173, 190-203)	9	7	2	4	2	2
Diabetes mellitus (250)	6	2	4	5	3	2
Major cardiovascular diseases (390-448)	112	38	74	56	29	27
Diseases of the heart (390-398, 402, 404-429)	84	31	53	43	25	18
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	3	1	2	1		1
Ischemic heart disease (410-414)	47	20	27	33	19	14
Other heart diseases (415-429)	34	10	24	9	6	3
Hypertension with or without renal disease (401,403)	4	1	3	2	1	1
Cerebrovascular disease (430-438)	21	4	17	9	2	7
Arteriosclerosis (440)	2	2		1	1	
Other diseases of arteries, arterioles, and capillaries (441-448)	1		1	1		1
Pneumonia and influenza (480-487)	14	7	7	10	6	4
Chronic obstructive pulmonary disease and allied conditions (490-496)	6	4	2	2	2	
Ulcer of stomach and duodenum (531-533)	1		1			
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)	6	1	5	4	1	3
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1		1	3		3
All other diseases (Residual)	11	4	7	10	5	5
Motor vehicle accidents (E810-E825)	1	1		1	1	
All other accidents and adverse effects (E800-E807, E826-E949)	5	3	2			
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)	3	2	1			
All other external causes (E980-E999)						

TABLE 41
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY AGE, RACE AND SEX, OKLAHOMA, 1987

85 - 89

	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE	WHITE TOTAL	WHITE MALE	WHITE FEMALE
Live births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	3,345	1,228	2,117	3,090	1,121	1,969
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	3	1	2	3	1	2
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 099-139)	49	17	32	45	15	30
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	434	193	241	403	180	223
Malignant neoplasm of digestive organs and peritoneum (150-159)	142	45	97	128	43	85
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	66	47	19	60	44	16
Malignant neoplasm of breast (174-175)	36		36	36		36
Malignant neoplasm of genital organs (179-187)	67	46	21	62	42	20
Malignant neoplasm of urinary organs (188-189)	19	9	10	18	9	9
Leukemia (204-208)	26	15	11	25	14	11
Other malignant neoplasms (140-149, 170-173, 190-203)	78	31	47	74	28	46
Diabetes mellitus (250)	57	15	42	53	15	38
Major cardiovascular diseases (390-448)	1,986	690	1,296	1,836	630	1,206
Diseases of the heart (390-398, 402, 404-429)	1,442	510	932	1,343	469	874
Rheumatic fever and rheumatic heart disease (390-398)	4	1	3	4	1	3
Hypertensive heart disease with or without renal disease (402,404)	18		18	15		15
Ischemic heart disease (410-414)	945	358	587	885	331	554
Other heart diseases (415-429)	475	151	324	439	137	302
Hypertension with or without renal disease (401,403)	13	4	9	10	4	6
Cerebrovascular disease (430-438)	413	129	284	377	116	261
Arteriosclerosis (440)	83	28	55	73	24	49
Other diseases of arteries, arterioles, and capillaries (441-448)	35	19	16	33	17	16
Pneumonia and influenza (480-487)	214	84	130	203	76	127
Chronic obstructive pulmonary disease and allied conditions (490-496)	65	40	25	59	35	24
Ulcer of stomach and duodenum (531-533)	11	5	6	10	5	5
Chronic liver disease and cirrhosis (571)	3	1	2	3	1	2
Nephritis, nephrotic syndrome and nephrosis (580-589)	69	28	41	63	26	37
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	24	8	16	21	7	14
All other diseases (Residual)	357	118	239	327	105	222
Motor vehicle accidents (E810-E825)	12	5	7	10	5	5
All other accidents and adverse effects (E800-E807, E826-E949)	55	18	37	48	15	33
Suicide (E950-E959)	5	5		5	5	
Homicide and legal intervention (E960-E978)	1		1	1		1
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	85 - 89					
	BLACK			INDIAN		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	170	72	98	85	35	50
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2	1	1	2	1	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	19	9	9	13	4	9
Malignant neoplasm of digestive organs and peritoneum (150-159)	6	1	5	8	1	7
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	5	3	2	1		1
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)	4	3	1	1	1	
Malignant neoplasm of urinary organs (188-189)	1		1			
Leukemia (204-208)				1	1	
Other malignant neoplasms (140-149, 170-173, 190-203)	2	2		2	1	1
Diabetes mellitus (250)	1		1	3		3
Major cardiovascular diseases (390-448)	106	42	64	44	18	26
Diseases of the heart (390-398, 402, 404-429)	69	30	39	30	11	19
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	3		3			
Ischemic heart disease (410-414)	38	18	20	22	9	13
Other heart diseases (415-429)	28	12	16	8	2	6
Hypertension with or without renal disease (401,403)	3		3			
Cerebrovascular disease (430-438)	26	9	17	10	4	6
Arteriosclerosis (440)	7	2	5	3	2	1
Other diseases of arteries, arterioles, and capillaries (441-448)	1	1		1	1	
Pneumonia and influenza (480-487)	8	5	3	3	3	
Chronic obstructive pulmonary disease and allied conditions (490-496)	5	5		1		1
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)				1		1
Nephritis, nephrotic syndrome and nephrosis (580-589)	5	1	4	1	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1		1	2	1	1
All other diseases (Residual)	19	7	12	11	6	5
Motor vehicle accidents (E810-E825)	1		1	1		1
All other accidents and adverse effects (E800-E807, E826-E949)	4	2	2	3	1	2
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY AGE, RACE AND SEX, OKLAHOMA, 1987

	90 - 94					
	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	2,065	662	1,403	1,938	611	1,327
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	26	12	14	22	9	13
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	174	84	90	158	76	82
Malignant neoplasm of digestive organs and peritoneum (150-159)	59	17	42	53	15	38
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	29	18	11	27	17	10
Malignant neoplasm of breast (174-175)	5		5	4		4
Malignant neoplasm of genital organs (179-187)	33	27	6	28	22	6
Malignant neoplasm of urinary organs (188-189)	7	4	3	7	4	3
Leukemia (204-208)	3	1	2	3	1	2
Other malignant neoplasms (140-149, 170-173, 190-203)	38	17	21	36	17	19
Diabetes mellitus (250)	21	6	15	21	6	15
Major cardiovascular diseases (390-448)	1,305	369	936	1,225	338	887
Diseases of the heart (390-398, 402, 404-429)	925	281	644	867	259	608
Rheumatic fever and rheumatic heart disease (390-398)	1	1		1	1	
Hypertensive heart disease with or without renal disease (402,404)	23	5	18	21	5	16
Ischemic heart disease (410-414)	549	170	379	515	155	360
Other heart diseases (415-429)	352	105	247	330	98	232
Hypertension with or without renal disease (401,403)	9	2	7	7	1	6
Cerebrovascular disease (430-438)	282	59	223	267	54	213
Arteriosclerosis (440)	64	15	49	62	14	48
Other diseases of arteries, arterioles, and capillaries (441-448)	25	12	13	22	10	12
Pneumonia and influenza (480-487)	168	57	111	160	54	106
Chronic obstructive pulmonary disease and allied conditions (490-496)	32	17	15	32	17	15
Ulcer of stomach and duodenum (531-533)	9	2	7	9	2	7
Chronic liver disease and cirrhosis (571)	4	1	3	3	1	2
Nephritis, nephrotic syndrome and nephrosis (580-589)	36	16	20	35	15	20
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	25	9	16	24	9	15
All other diseases (Residual)	222	71	151	212	68	144
Motor vehicle accidents (E810-E825)	5	4	1	3	3	
All other accidents and adverse effects (E800-E807, E826-E949)	34	12	22	30	11	19
Suicide (E950-E959)	1	1		1	1	
Homicide and legal intervention (E960-E978)	2		2	2		2
All other external causes (E980-E999)	1	1		1	1	

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

90 - 94

	BLACK TOTAL	BLACK MALE	BLACK FEMALE	INDIAN TOTAL	INDIAN MALE	INDIAN FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	82	32	50	45	19	26
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-039, 098-139)	3	2	1	1	1	
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	13	7	6	3	1	2
Malignant neoplasm of digestive organs and peritoneum (150-159)	4	1	3	2	1	1
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	1	1			
Malignant neoplasm of breast (174-175)	1		1			
Malignant neoplasm of genital organs (179-187)	5	5				
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	1		1	1		1
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	48	16	32	32	15	17
Diseases of the heart (390-398, 402, 404-429)	32	10	22	26	12	14
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	2		2			
Ischemic heart disease (410-414)	15	8	7	19	7	12
Other heart diseases (415-429)	15	2	13	7	5	2
Hypertension with or without renal disease (401,403)	2	1	1			
Cerebrovascular disease (430-438)	12	4	8	3	1	2
Arteriosclerosis (440)	1	1		1		1
Other diseases of arteries, arterioles, and capillaries (441-448)	1		1	2	2	
Pneumonia and influenza (480-487)	6	2	4	2	1	1
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)				1		1
Nephritis, nephrotic syndrome and nephrosis (580-589)	1	1				
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)				1		1
All other diseases (Residual)	8	3	5	2		2
Motor vehicle accidents (E810-E825)	1	1		1		1
All other accidents and adverse effects (E800-E807, E826-E949)	2		2	2	1	1
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY AGE, RACE AND SEX, OKLAHOMA, 1987

95 - 99

	TOTAL	TOTAL MALE	FEMALE	TOTAL	WHITE MALE	FEMALE
Live births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	747	191	556	691	178	513
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)	1		1	1		1
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	6	1	5	4	1	3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	41	10	31	38	10	28
Malignant neoplasm of digestive organs and peritoneum (150-159)	11	3	8	10	3	7
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	4	1	3	4	1	3
Malignant neoplasm of breast (174-175)	3		3	3		3
Malignant neoplasm of genital organs (179-187)	4	2	2	4	2	2
Malignant neoplasm of urinary organs (188-189)	5	1	4	5	1	4
Leukemia (204-208)	4	1	3	3	1	2
Other malignant neoplasms (140-149, 170-173, 190-203)	10	2	8	9	2	7
Diabetes mellitus (250)	8	1	7	6	1	5
Major cardiovascular diseases (390-448)	472	113	359	438	106	332
Diseases of the heart (390-398, 402, 404-429)	345	87	258	317	80	237
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	10	2	8	9	2	7
Ischemic heart disease (410-414)	209	54	155	197	50	147
Other heart diseases (415-429)	126	31	95	111	28	83
Hypertension with or without renal disease (401,403)	6	1	5	6	1	5
Cerebrovascular disease (430-438)	89	17	72	86	17	69
Arteriosclerosis (440)	29	8	21	27	8	19
Other diseases of arteries, arterioles, and capillaries (441-448)	3		3	2		2
Pneumonia and influenza (480-487)	84	28	56	76	24	52
Chronic obstructive pulmonary disease and allied conditions (490-496)	10	6	4	10	6	4
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)	2		2	2		2
Nephritis, nephrotic syndrome and nephrosis (580-589)	11	4	7	11	4	7
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	13	3	10	12	2	10
All other diseases (Residual)	82	21	61	76	20	56
Motor vehicle accidents (E810-E825)	1		1	1		1
All other accidents and adverse effects (E800-E807, E826-E949)	15	3	12	15	3	12
Suicide (E950-E959)	1	1		1	1	
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1997

95 - 99

		BLACK			INDIAN	
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	38	11	27	18	2	16
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)	2		2			
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	1		1	2		2
Malignant neoplasm of digestive organs and peritoneum (150-159)	1		1			
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)				1		1
Other malignant neoplasms (140-149, 170-173, 190-203)				1		1
Diabetes mellitus (250)	1		1	1		1
Major cardiovascular diseases (390-448)	23	5	18	11	2	9
Diseases of the heart (390-398, 402, 404-429)	19	5	14	9	2	7
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)	1		1			
Ischemic heart disease (410-414)	8	4	4	4		4
Other heart diseases (415-429)	10	1	9	5	2	3
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	2		2	1		1
Arteriosclerosis (440)	1		1	1		1
Other diseases of arteries, arterioles, and capillaries (441-448)	1		1			
Pneumonia and influenza (480-487)	5	4	1	3		3
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	1	1				
All other diseases (Residual)	5	1	4	1		1
Motor vehicle accidents (E810-E825)						
All other accidents and adverse effects (E800-E807, E826-E949)						
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

	100 UP					
	TOTAL			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	160	46	114	132	35	97
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 093-139)	2	1	1	2	1	1
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	5	4	1	2	2	
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	2				
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)	1	1		1	1	
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	2	1	1	1	1	
Diabetes mellitus (250)	1		1	1		1
Major cardiovascular diseases (390-448)	105	29	76	88	22	66
Diseases of the heart (390-398, 402, 404-429)	73	23	50	60	18	42
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	40	16	24	34	12	22
Other heart diseases (415-429)	33	7	26	26	6	20
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	14	2	12	14	2	12
Arteriosclerosis (440)	16	3	13	13	2	11
Other diseases of arteries, arterioles, and capillaries (441-448)	2	1	1	1		1
Pneumonia and influenza (480-487)	25	6	19	22	6	16
Chronic obstructive pulmonary disease and allied conditions (490-496)	1		1	1		1
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)	2	1	1	1	1	
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)	2		2	2		2
All other diseases (Residual)	14	5	9	10	3	7
Motor vehicle accidents (E810-E825)						
All other accidents and adverse effects (E800-E807, E826-E949)	3		3	3		3
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE 41
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

100 UP

	BLACK TOTAL	BLACK MALE	BLACK FEMALE	INDIAN TOTAL	INDIAN MALE	INDIAN FEMALE
Live Births						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital						
Physician not in hospital						
Midwife, other, or unknown						
Total deaths, all causes	22	9	13	6	2	4
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						
Malignant neoplasms, including neoplasm of lymphatic and hematopoietic tissues (140-208)	3	2	1			
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)	2	2				
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)	1		1			
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	13	6	7	4	1	3
Diseases of the heart (390-398, 402, 404-429)	9	4	5	4	1	3
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	4	3	1	2	1	1
Other heart diseases (415-429)	5	1	4	2		2
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)	3	1	2			
Other diseases of arteries, arterioles, and capillaries (441-448)	1	1				
Pneumonia and influenza (480-487)	3		3			
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)				1		1
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)	3	1	2	1	1	
Motor vehicle accidents (E810-E825)						
All other accidents and adverse effects (E800-E807, E826-E949)						
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES
BY AGE, RACE AND SEX, OKLAHOMA, 1987

	UNKNOWN					
		TOTAL			WHITE	
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births	12	6	6	9	4	5
Physician in hospital	11	6	5	8	4	4
Physician not in hospital						
Midwife, other, or unknown	1		1	1		1
Stillbirths	26	16	10	21	14	7
Physician in hospital	25	16	9	21	14	7
Physician not in hospital						
Midwife, other, or unknown	1		1			
Total deaths, all causes	20	12	8	16	9	7
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-089, 098-139)						
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	2	1	1	2	1	1
Malignant neoplasm of digestive organs and peritoneum (150-159)	1	1		1	1	
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)	1		1	1		1
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	7	4	3	5	3	2
Diseases of the heart (390-398, 402, 404-429)	6	3	3	4	2	2
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)	5	3	2	4	2	2
Other heart diseases (415-429)	1		1			
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)	1	1		1	1	
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)	1	1		1	1	
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)						
Motor vehicle accidents (E810-E825)	1	1		1	1	
All other accidents and adverse effects (E800-E807, E826-E949)	3	2	1	1		1
Suicide (E950-E959)	1	1		1	1	
Homicide and legal intervention (E960-E978)	4	2	2	4	2	2
All other external causes (E980-E999)	1		1	1		1

TABLE XI
RESIDENT BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS BY 34 SELECTED CAUSES BY AGE, RACE AND SEX, OKLAHOMA, 1987

			UNKNOWN			
		BLACK			INDIAN	
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Live births				3	2	1
Physician in hospital				3	2	1
Physician not in hospital						
Midwife, other, or unknown						
Stillbirths						
Physician in hospital	2		2			
Physician not in hospital	1		1			
Midwife, other, or unknown						
Total deaths, all causes	1		1	3	3	
Deaths under 1 year						
Deaths under 1 month						
Tuberculosis (010-018)						
Syphilis (090-097)						
Residual of infectious and parasitic diseases (001-009, 020-088, 098-139)						
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)						
Malignant neoplasm of digestive organs and peritoneum (150-159)						
Malignant neoplasm of respiratory and intrathoracic organs (160-165)						
Malignant neoplasm of breast (174-175)						
Malignant neoplasm of genital organs (179-187)						
Malignant neoplasm of urinary organs (188-189)						
Leukemia (204-208)						
Other malignant neoplasms (140-149, 170-173, 190-203)						
Diabetes mellitus (250)						
Major cardiovascular diseases (390-448)	1		1	1	1	
Diseases of the heart (390-398, 402, 404-429)	1		1	1	1	
Rheumatic fever and rheumatic heart disease (390-398)						
Hypertensive heart disease with or without renal disease (402,404)						
Ischemic heart disease (410-414)				1	1	
Other heart diseases (415-429)	1		1			
Hypertension with or without renal disease (401,403)						
Cerebrovascular disease (430-438)						
Arteriosclerosis (440)						
Other diseases of arteries, arterioles, and capillaries (441-448)						
Pneumonia and influenza (480-487)						
Chronic obstructive pulmonary disease and allied conditions (490-496)						
Ulcer of stomach and duodenum (531-533)						
Chronic liver disease and cirrhosis (571)						
Nephritis, nephrotic syndrome and nephrosis (580-589)						
Complications of pregnancy, childbirth, and the puerperium (630-676)						
Congenital anomalies (740-759)						
Certain conditions originating in the perinatal period (760-779)						
Symptoms, signs, and ill-defined conditions (780-799)						
All other diseases (Residual)						
Motor vehicle accidents (E810-E825)						
All other accidents and adverse effects (E800-E807, E826-E949)				2	2	
Suicide (E950-E959)						
Homicide and legal intervention (E960-E978)						
All other external causes (E980-E999)						

TABLE XII
LEADING CAUSES OF DEATHS, NUMBER AND RANK, BY RACE AND SEX, OKLAHOMA, 1987

CAUSE OF DEATH	TOTAL		SEX				RACE					
			MALE		FEMALE		WHITE		BLACK		INDIAN	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
DISEASES OF THE HEART	10620	1	5574	1	5046	1	9658	1	634	1	328	1
MALIGNANT NEOPLASMS	6399	2	3472	2	2927	2	5806	2	426	2	167	2
CEREBROVASCULAR DISEASE	2398	3	916	3	1482	3	2172	3	154	3	72	4
ACCIDENTS OF ALL TYPES	1337	4	873	4	464	5	1141	4	106	4	90	3
PNEUMONIA AND INFLUENZA	1102	5	511	6	591	4	1001	6	69	5	32	6
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1087	6	688	5	399	6	1024	5	40	7	23	8
SUICIDE	484	7	368	7	116	10	452	7	14	10	18	9
DIABETES MELLITUS	463	8	192	8	271	7	371	8	45	6	47	5
ARTERIOSCLEROSIS	385	9	155	10	230	8	350	9	23	9	12	10
NEPHRITIS, NEPHROTIC & NEPHROSIS SYNDROME	366	10	169	9	197	9	309	10	33	8	24	7

TABLE XIII
LEADING CAUSES OF DEATH, NUMBER AND RANK, BY AGE, OKLAHOMA, 1987

	AGE													
CAUSE OF DEATH	ALL AGES		UNDER-5		5 - 24		25 - 44		45 - 64		65 - 84		OVER-84	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
DISEASES OF THE HEART	10620	1	15	2	19	4	243	3	1710	2	5842	1	2791	1
MALIGNANT NEOPLASMS	6399	2	12	3	30	3	298	2	1736	1	3667	2	656	3
CEREBROVASCULAR DISEASE	2398	3	0		5	6	51	5	224	4	1319	3	799	2
ACCIDENTS OF ALL TYPES	1337	4	62	1	319	1	329	1	219	5	279	6	129	6
PNEUMONIA AND INFLUENZA	1102	5	10	4	6	5	20	7	64	8	511	5	491	4
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1087	6	2	5	1	8	13	8	225	3	737	4	109	8
SUICIDE	484	7	0		88	2	162	4	141	6	85	10	8	10
DIABETES MELLITUS	463	8	0		2	7	28	6	97	7	249	7	87	9
ARTERIOSCLEROSIS	385	9	0		0		1	10	18	10	174	9	192	5
NEPHRITIS,NEPHROTIC & NEPHROSIS SYNDROME	366	10	1	6	1	8	7	9	34	9	205	8	118	7

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Cholera	001					
Typhoid and paratyphoid fevers	002					
Other salmonella infections	003					
Shigellosis	004					
Other food poisoning (bacterial)	005					
Amoebiasis	006					
Other protozoal intestional diseases	007					
Intestional infections due to other organism	008					
Ill-defined intestional infections	009	3	0.1	3		
INTESTIONAL INFECTIOUS DISEASES	001 - 009	3	0.1	3		
Primary tuberculous infection	010					
Pulmonary tuberculosis	011	13	0.4	10		3
Other respiratory tuberculosis	012					
Tuberculosis of meninges and central nervous system	013					
Tuberculosis of intestines, peritoneum, and mesenteric glands.	014					
Tuberculosis of bones and joints	015	1				1
Tuberculosis of genitourinary system	016					
Tuberculosis of other organs	017	1		1		
Miliary tuberculosis	018	1				1
TUBERCULOSIS	010 - 018	16	0.5	11		5
Plague	020					
Tularaemia	021					
Anthrax	022					
Brucellosis	023					
Glanders	024					
Melioidosis	025					
Rat-bite fever	026					
Other zoonotic bacterial diseases	027	1		1		
ZOONOTIC BACTERIAL DISEASES	020 - 027	1		1		
Leprosy	030					
Diseases due to other mycobacteria	031	3	0.1	2		1
Diptheria	032					
Whooping cough	033					
Streptococcal sore throat and scarlatina	034					
Erysipelas	035					
Meningococcal infection	036	6	0.2	3	3	
Tetanus	037	1		1		
Septicaemia	038	249	8.3	206	32	11
Actinomycotic infections	039					
Other bacterial diseases	040					
Bacterial infection in conditions classified elsewhere and of unspecified site	041	4	0.1	3		1
OTHER BACTERIAL DISEASES	030 - 041	263	8.8	215	35	13
HTLV-III/LAV with specified conditions	042	63	2.1	50	11	2

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
HTLV-III/LAV causing other specified conditions	043	1		1		
Positive HIV	044	1			1	
HUMAN T-CELL LYMPHOTROPIC VIRUS-III LYMPHADENOPATHY ASSOCIATED VIRUS (HTLV-III/LAV) INFECTION	042 - 044	65	2.1	51	12	2
Acute poliomyelitis	045					
Slow virus infection of central nervous syst	046	3	0.1	3		
Meningitis due to enterovirus	047	1		1		
Other enterovirus diseases of central nervou system	048					
Other non-arthropod-borne viral diseases of central nervous system	049	1		1		
POLIOMYELITIS AND OTHER NON-ARTHROPOD-BORNE VIRAL DISEASES OF CENTRAL NERVOUS SYSTEM	045 - 049	5	0.1	5		
Smallpox	050					
Cowpox and paravaccinia	051					
Chickenpox	052	2		1	1	
Herpes zoster	053	1		1		
Herpes simplex	054	3	0.1	3		
Measles	055					
Rubella	056					
Other viral exanthemata	057					
VIRAL DISEASES ACCOMPANIED BY EXANTHEM	050 - 057	6	0.2	5	1	
Yellow fever	060					
Dengue	061					
Mosquito-borne viral encephalitis	062					
Tick-borne viral encephalitis	063					
Viral encephalitis transmitted by other and unspecified arthropods	064					
Arthropod-borne haemorrhagic fever	065					
Other arthropod-borne viral diseases	066					
ARTHROPOD-BORNE VIRAL DISEASES	060 - 066					
Viral hepatitis	070	16	0.5	12	1	3
Rabies	071					
Mumps	072					
Ornithosis	073					
Specific diseases due to Coxsackie virus	074					
Infectious mononucleosis	075					
Trachoma	076					
Other diseases of conjunctiva due to viruses and Chlamydiae	077					
Other diseases due to viruses and Chlamydiae	078	1		1		
Viral infection in conditions classified elsewhere and of unspecified site	079					
OTHER DISEASES DUE TO VIRUSES AND CHLAMYDIAE	070 - 079	17	0.5	13	1	3

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Louse-borne (epidemic) typhus	080					
Other typhus	081					
Tick-borne rickettsioses	082	3	0.1	3		
Other rickettsioses	083					
Malaria	084					
Leishmaniasis	085					
Trypanosomiasis	086					
Relapsing fever	087					
Other arthropod-borne diseases	088					
RICKETSIOSES AND OTHER ANTHROPOD-BORNE DISEASES	080 - 088	3	0.1	3		
Congenital syphilis	090					
Early syphilis, symptomatic	091					
Early syphilis, latent	092					
Cardiovascular syphilis	093					
Neurosyphilis	094					
Other forms of late syphilis, with symtoms	095					
Late syphilis, latent	096					
Other and unspecified syphilis	097					
Gonococcal infections	098					
Other venereal diseases	099					
SYPHILIS AND OTHER VENEREAL DISEASES	090 - 099					
Leptospirosis	100					
Vincent's angina	101					
Yaws	102					
Pinta	103					
Other spirochaetal infection	104					
OTHER SPIROCHAETAL DISEASES	100 - 104					
Dermatophytosis	110					
Dermatomycosis, other and unspecified	111					
Candidiasis	112	10	0.3	10		
Coccidioidomycosis	114	1		1		
Histoplasmosis	115	1		1		
Blastomycotic infection	116					
Other mycoses	117	7	0.2	4	1	2
Opportunistic mycoses	118					
MYCOSES	110 - 118	19	0.6	16	1	2
Schistosomiasis (bilharziasis)	120					
Other trematode infections	121					
Echinococcosis	122					
Other cestode infection	123					
Trichinosis	124					
Filarial infection and dracontiasis	125					
Ancylostomiasis and necatoriasis	126					
Other intestinal helminthiases	127					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1967

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Other and unspecified helminthiases	128					
Intestinal parasitism, unspecified	129					
HELMINTHIASES	120 - 129					
Toxoplasmosis	130					
Trichomoniasis	131					
Pediculosis and phthirus infestation	132					
Acariasis	133					
Other infestation	134					
Sarcoidosis	135	9	0.3	4	5	
Other and unspecified infectious and parasitic diseases	136	11	0.3	9	1	1
OTHER INFECTIOUS AND PARASITIC DISEASES	130 - 136	20	0.6	13	6	1
Late effects of tuberculosis	137	3	0.1	3		
Late effects of acute poliomyelitis	138					
Late effects of other infectious and parasitic diseases	139					
LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES	137 - 139	3	0.1	3		
INFECTIOUS AND PARASITIC DISEASES	001 - 139	421	14.1	339	56	26
Malignant neoplasm of lip	140	4	0.1	4		
Malignant neoplasm of tongue	141	28	0.9	25	2	1
Malignant neoplasm of major salivary glands	142	9	0.3	9		
Malignant neoplasm of gum	143	3	0.1	3		
Malignant neoplasm of floor of mouth	144	1		1		
Malignant neoplasm of other and unspecified parts of mouth	145	18	0.6	16	1	1
Malignant neoplasm of oropharynx	146	15	0.5	12	3	
Malignant neoplasm of nasopharynx	147	11	0.3	8	2	1
Malignant neoplasm of hypopharynx	148	7	0.2	6	1	
Malignant neoplasm of other and ill-defined sites within the lip, oral cavity and pharynx	149	22	0.7	20	2	
MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	140 - 149	118	3.9	104	11	3
Malignant neoplasm of oesophagus	150	89	2.9	73	14	2
Malignant neoplasm of stomach	151	132	4.4	109	16	7
Malignant neoplasm of small intestine, including duodenum	152	9	0.3	8	1	
Malignant neoplasm of colon	153	634	21.3	570	43	21
Malignant neoplasm of rectum, recto-sigmoid junction and anus	154	84	2.8	78	4	2
Malignant neoplasm of liver and intrahepatic bile ducts	155	76	2.5	71		5
Malignant neoplasm of gallbladder and extrahepatic bile ducts	156	54	1.8	51	2	1

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Malignant neoplasm of pancreas	157	315	10.6	282	23	10
Malignant neoplasm of retroperitoneum and peritoneum	158	11	0.3	10	1	
Malignant neoplasm of other and ill-defined sites within the digestive organs and peritoneum	159	16	0.5	14	2	
MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	150 - 159	1,420	47.7	1,266	106	48
Malignant neoplasm of nasal cavities, middle ear and accessory sinuses	160	8	0.2	8		
Malignant neoplasm of larynx	161	38	1.2	37		1
Malignant neoplasm of trachea, bronchus and lung	162	1,948	65.5	1,804	103	41
Malignant neoplasm of pleura	163	2		1	1	
Malignant neoplasm of thymus, heart and mediastinum	164	9	0.3	7	1	1
Malignant neoplasm of other and ill-defined sites within the respiratory system and intathoracic organs	165					
MALIGNANT NEOPLASM OF RESPIRATORY AND INTATHORACIC ORGANS	160 - 165	2,005	67.4	1,857	105	43
Malignant neoplasm of bone and articular cartilage	170	17	0.5	17		
Malignant neoplasm of connective and other soft tissue	171	55	1.8	49	6	
Malignant melanoma of skin	172	88	2.9	86	1	1
Other malignant neoplasm of skin	173	34	1.1	31	3	
Malignant neoplasm of female breast	174	507	17.0	460	36	11
Malignant neoplasm of male breast	175	1		1		
MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE SKIN AND BREAST	170 - 175	702	23.6	644	46	12
Malignant neoplasm of uterus, part unspecified	179	23	0.7	20	3	
Malignant neoplasm of cervix uteri	180	55	1.8	41	11	3
Malignant neoplasm of placenta	181					
Malignant neoplasm of body of uterus	182	66	2.2	53	9	4
Malignant neoplasm of ovary and other uterine adnexa	183	158	5.3	146	7	5
Malignant neoplasm of other and unspecified female genital organs	184	12	0.4	9	2	1
Malignant neoplasm of prostate	185	338	11.3	295	36	7
Malignant neoplasm of testis	186	4	0.1	4		
Malignant neoplasm of penis and other male genital organs	187	5	0.1	5		
Malignant neoplasm of bladder	188	104	3.5	100	3	1
Malignant neoplasm of kidney and other and unspecified urinary organs	189	153	5.1	137	11	5

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1977

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
MALIGNANT NEOPLASM OF GENITOURINARY ORGANS	179 - 189	918	30.9	810	82	26
Malignant neoplasm of eye	190	8	0.2	6	2	
Malignant neoplasm of brain	191	166	5.5	158	6	2
Malignant neoplasm of other and unspecified parts of nervous system	192	4	0.1	4		
Malignant neoplasm of thyroid gland	193	10	0.3	10		
Malignant neoplasm of other endocrine gland and related structures	194	15	0.5	14	1	
Malignant neoplasm of other and ill-defined sites	195	39	1.3	36	2	1
Secondary and unspecified malignant neoplas of lymph nodes	196					
Secondary malignant neoplasm of respiratory and digestive systems	197					
Secondary malignant neoplasm of other specified sites	198					
Malignant neoplasm without specification of site	199	363	12.2	326	24	13
MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	190 - 199	605	20.3	554	35	16
Lymphosarcoma and reticulosarcoma	200	49	1.6	43	2	4
Hodgkin's disease	201	19	0.6	17	1	1
Other malignant neoplasm of lympoid and histiocytic tissue	202	179	6.0	167	9	3
Multiple myeloma and immunoproliferative neoplasms	203	125	4.2	106	15	4
Lymphoid leukaemia	204	89	2.9	84	4	1
Myeloid leukaemia	205	110	3.7	99	6	5
Monocytic leukaemia	206	6	0.2	6		
Other specified leukaemia	207	4	0.1	4		
Leukaemia of unspecified cell type	208	50	1.6	45	4	1
MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE	200 - 208	631	21.2	571	41	19
Benign neoplasm of lip, oral cavity and pharynx	210					
Benign neoplasm of other parts of digestive system	211	1		1		
Benign neoplasm of respiratory and intrathoracic organs	212					
Benign neoplasm of bone and articular cartilage	213					
Lipoma	214					
Other benign neoplasm of connective and other soft tissue	215					
Benign neoplasm of skin	216					
Benign neoplasm of breast	217					
Uterine leiomyoma	218					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Other benign neoplasm of uterus	219					
Benign neoplasm of ovary	220					
Benign neoplasm of other female genital organs	221					
Benign neoplasm of male genital organs	222					
Benign neoplasm of kidney and other urinary organs	223					
Benign neoplasm of eye	224					
Benign neoplasm of brain and other parts of nervous system	225	14	0.4	12	2	
Benign neoplasm of thyroid gland	226					
Benign neoplasm of other endocrine glands and related structures	227	4	0.1	3	1	
Haemangioma and lymphangioma, any site	228					
Benign neoplasm of other and unspecified sites	229					
BENIGN NEOPLASMS	210 - 229	19	0.6	16	3	
Carcinoma in situ of digestive organs	230					
Carcinoma in situ of respiratory system	231					
Carcinoma in situ of skin	232					
Carcinoma in situ of breast and genitourinary system	233					
Carcinoma in situ of other and unspecified sites	234					
CARCINOMA IN SITU	230 - 234					
Neoplasm of uncertain behaviour of digestiv and respiratory systems	235	3	0.1	3		
Neoplasm of uncertain behaviour of genitourinary organs	236					
Neoplasm of uncertain behaviour of endocrin glands and nervous system	237					
Neoplasm of uncertain behaviour and other and unspecified sites and tissues	238	13	0.4	13		
NEOPLASMS OF UNCERTAIN BEHAVIOR	235 - 238	16	0.5	16		
Neoplasm of unspecified nature	239	34	1.1	33	1	
NEOPLASMS OF UNSPECIFIED NATURE	239 - 239	34	1.1	33	1	
NEOPLASM	140 - 239	6,468	217.7	5,871	430	167
Simple and unspecified goitre	240					
Nontoxic nodular goitre	241					
Thyrotoxicosis with or without goitre	242	4	0.1	4		
Congenital hypothyroidism	243					
Acquired hypothyroidism	244	4	0.1	4		
Thyroiditis	245					
Other disorders of thyroid	246					
DISORDERS OF THYROID GLAND	240 - 246	8	0.2	8		

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICD9 CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Diabetes mellitus	250	463	15.5	371	45	47
Other disorders of pancreatic internal secretion	251	3	0.1	2	1	
Disorders of parathyroid gland	252	2		2		
Disorders of the pituitary gland and its hypothalamic control	253	1		1		
Diseases of thymus gland	254					
Disorders of adrenal glands	255	3	0.1	3		
Ovarian dysfunction	256					
Testicular dysfunction	257					
Polyglandular dysfunction and related disorders	258					
Other endocrine disorders	259	1		1		
DISEASES OF OTHER ENDOCRINE GLANDS	250 - 259	473	15.9	380	46	47
Kwashiorkor	260	1		1		
Nutritional marasmus	261	5	0.1	5		
Other severe protein-calorie malnutrition	262	2		1	1	
Other and unspecified protein-calorie malnutrition	263	50	1.6	46	4	
Vitamin A deficiency	264					
Thiamine and niacin deficiency states	265					
Deficiency of B-complex components	266					
Ascorbic acid deficiency	267					
Vitamin D deficiency	268					
Other nutritional deficiencies	269					
NUTRITIONAL DEFICIENCIES	260 - 269	58	1.9	53	5	
Disorders of amino-acid transport and metabolism	270	1		1		
Disorders of carbohydrate transport and metabolism	271					
Disorders of lipoid metabolism	272	10	0.3	9	1	
Disorders of plasma protein metabolism	273	11	0.3	11		
Gout	274					
Disorders of mineral metabolism	275	5	0.1	5		
Disorders of fluid, electrolyte and acid-base balance	276	67	2.2	57	8	2
Other and unspecified disorders of metabolism	277	17	0.5	15	1	1
Obesity and other hyperalimentation	278	14	0.4	13		1
Disorders involving the immune mechanism	279	3	0.1	3		
OTHER METABOLIC DISORDERS AND IMMUNITY DISORDERS	270 - 279	128	4.3	114	10	4
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES AND IMMUNITY DISORDERS	240 - 279	667	22.4	555	61	51
Iron deficiency anaemias	280	1		1		
Other deficiency anaemias	281	4	0.1	4		
Hereditary haemolytic anaemias	282	9	0.3	4	5	

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICD9 CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Acquired haemolytic anaemias	283	2		2		
Aplastic anaemia	284	21	0.7	20	1	
Other and unspecified anaemias	285	10	0.3	10		
Coagulation defects	236	10	0.3	7	3	
Purpura and other haemorrhagic conditions	287	11	0.3	11		
Diseases of white blood cells	288	3	0.1	3		
Other diseases of blood and blood-forming organs	289	28	0.9	26	2	
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280 - 289	99	3.3	88	11	
Senile and presenile organic psychotic conditions	290	54	1.8	54		
Alcoholic psychoses	291	2		2		
Drug psychoses	292	1		1		
Transient organic psychotic conditions	293					
Other organic psychotic conditions (chronic	294					
ORGANIC PSYCHOTIC CONDITIONS	290 - 294	57	1.9	57		
Schizophrenic psychoses	295	4	0.1	4		
Affective psychoses	296					
Paranoid states	297					
Other nonorganic psychoses	298	35	1.1	28	6	1
Psychoses with origin specific to childhood	299					
OTHER PSYCHOSES	295 - 299	39	1.3	32	6	1
Neurotic disorders	300					
Personality disorders	301					
Sexual deviations and disorders	302					
Alcohol dependence syndrome	303	34	1.1	23	7	4
Drug dependence	304					
Nondependent abuse of drugs	305	13	0.4	12		1
Physiological malfunction arising from mental factors	306					
Special symptoms or syndroms not elsewhere classified	307	3	0.1	3		
Acute reaction to stress	308					
Adjustment reaction	309					
Specific nonpsychotic mental disorders wher following organic brain damage	310	66	2.2	61	3	2
Depressive disorder, not elsewhere classified	311	2		2		
Disturbance of conduct not elsewhere classified	312					
Disturbance of emotions specific to childhood and adolescence	313					
Hyperkinetic syndrome of childhood	314					
Specific delays in development	315	1		1		
Psychic factors associated with diseases classified elsewhere	316					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
NEUROTIC DISORDERS, PERSONALITY DISORDERS AND OTHER NONPSYCHOTIC MENTAL DISORDERS	300 - 316	119	4.0	102	10	7
Mild mental retardation	317					
Other specified mental retardation	318	2		1	1	
Unspecified mental retardation	319	6	0.2	6		
MENTAL RETARDATION	317 - 319	8	0.2	7	1	
MENTAL DISORDERS	290 - 319	322	10.8	286	28	8
Bacterial meningitis	320	10	0.3	8	1	1
Meningitis due to other organism	321					
Meningitis of unspecified cause	322	10	0.3	9	1	
Encephalitis, myelitis and encephalomyelitis	323	5	0.1	3	2	
Intracranial and intraspinal abscess	324	2		2		
Phlebitis and thrombophlebitis of intracranial venous sinuses	325					
Late effects of intracranial abscess or pyogenic infection	326					
INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	320 - 326	27	0.9	22	4	1
Cerebral degeneration usually manifest in childhood	330	1				1
Other cerebral degenerations	331	183	6.1	170	6	7
Parkinson's disease	332	80	2.6	76	3	1
Other extrapyramidal disease and abnormal movement disorders	333	10	0.3	10		
Spinocerebellar disease	334	2			2	
Anterior horn cell disease	335	35	1.1	34		1
Other diseases of spinal cord	336	1		1		
Disorders of the autonomic nervous system	337					
HEREDITARY AND DEGENERATIVE DISEASES OF THE CENTRAL NERVOUS SYSTEM	330 - 337	312	10.5	291	11	10
Multiple sclerosis	340	13	0.4	13		
Other demyelinating diseases of central nervous system	341	3	0.1	3		
Hemiplegia	342					
Infantile cerebral palsy	343	5	0.1	3	2	
Other paralytic syndromes	344	15	0.5	14	1	
Epilepsy	345	11	0.3	9	2	
Migraine	346					
Cataplexy and narcolepsy	347					
Other conditions of brain	348	37	1.2	29	4	4
Other and unspecified disorders of the nervous system	349	7	0.2	6		1
OTHER DISORDERS OF THE CENTRAL NERVOUS SYSTEM	340 - 349	91	3.0	77	9	5

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICD9 CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Trigeminal nerve disorders	350					
Facial nerve disorders	351					
Disorders of other cranial nerves	352					
Nerve root and plexus disorders	353					
Mononeuritis of upper limb and mononeuritis multiplex	354					
Mononeuritis of lower limb	355					
Hereditary and idiopathic peripheral neuropathy	356	2		2		
Inflammatory and toxic neuropathy	357	2		2		
Myoneural disorders	358	3	0.1	3		
Muscular dystrophies and other myopathies	359	7	0.2	5	1	1
DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM	350 - 359	14	0.4	12	1	1
Disorders of the globe	360					
Retinal detachments and defects	361					
Other retinal disorders	362					
Chorioretinal inflammations and scars and other disorders of choroid	363					
Disorders of iris and ciliary body	364	1		1		
Glaucoma	365					
Cataract	366					
Disorders of refraction and accommodation	367					
Visual disturbances	368					
Blindness and low vision	369	1		1		
Keratitis	370					
Corneal opacity and other disorders of cornea	371					
Disorders of conjuctiva	372					
Inflammation of eyelids	373					
Other disorders of eyelids	374					
Disorders of lacrimal system	375					
Disorders of the orbit	376					
Disorders of optic nerve and visiual pathways	377					
Strabismus and other disorders of binocular eye movements	378					
Other disorders of eye	379					
DISORDERS OF THE EYE AND ADNEXA	360 - 379	2		2		
Disorders of external ear	380	1		1		
Nonsuppurative otitis media and eustachian tube disorders	381					
Suppurative and unspecified otitis media	382					
Mastoiditis and related conditions	383					
Other disorders of tympanic membrane	384					
Other disorders of middle ear and mastoid	385					
Vertiginous syndromes and other disorders of vestibular system	386					
Otosclerosis	387					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1977

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Other disorders of ear	388					
Deafness	389					
DISEASES OF THE EAR AND MASTOID PROCESS	380 - 389	1		1		
DISEASES OF THER NERVOUS SYSTEM AND SENSE ORGANS	320 - 389	447	15.0	405	25	17
Rheumatic fever without mention of heart involvement	390	1		1		
Rheumatic fever with heart involvement	391					
Rheumatic chorea	392					
ACUTE RHEUMATIC FEVER	390 - 392	1		1		
Chronic rheumatic pericarditis	393					
Diseases of mitral valve	394	39	1.3	37	2	
Diseases of aortic valve	395	1		1		
Diseases of mitral and aortic valves	396	9	0.3	8	1	
Diseases of other endocardial structures	397	2		2		
Other rheumatic heart disease	398	14	0.4	14		
CHRONIC RHEUMATIC HEART DISEASE	393 - 398	65	2.1	62	3	
Essential hypertension	401	41	1.3	36	5	
Hypertensive heart disease	402	173	5.8	146	25	2
Hypertensive renal disease	403	46	1.5	34	10	2
Hypertensive heart and renal disease	404	16	0.5	11	3	2
Secondary hypertension	405					
HYPERTENSIVE DISEASE	401 - 405	276	9.2	227	43	6
Acute myocardial infarction	410	3,892	131.0	3,590	166	136
Other acute and subacute form of ischaemic heart disease	411	491	16.5	442	37	12
Old myocardial infarction	412	8	0.2	8		
Angina pectoris	413	6	0.2	6		
Other forms of chronic ischaemic heart disease	414	3,025	101.8	2,771	165	89
ISCHAEMIC HEART DISEASE	410 - 414	7,422	249.8	6,817	368	237
Acute pulmonary heart disease	415	150	5.0	137	12	1
Chronic pulmonary heart disease	416	21	0.7	16	2	3
Other diseases of pulmonary circulation	417	1		1		
DISEASES OF PULMONARY CIRCULATION	415 - 417	172	5.7	154	14	4
Acute pericarditis	420	1		1		
Acute and subacute endocarditis	421	7	0.3	6	1	
Acute myocarditis	422	1		1		
Other diseases of pericardium	423	7	0.2	6		1
Other diseases of endocardium	424	116	3.9	108	5	3
Cardiomyopathy	425	204	6.8	170	30	4
Conduction disorders	426	15	0.5	13	2	
Cardiac dysrhythmias	427	825	27.7	718	71	36
Heart failure	428	778	26.1	708	53	17

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1967

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Ill-defined descriptions and complications of heart disease	429	815	27.4	736	57	22
OTHER FORMS OF HEART DISEASE	420 - 429	2,771	93.2	2,467	221	33
Subarachnoid haemorrhage	430	91	3.0	80	4	7
Intracerebral haemorrhage	431	216	7.2	196	13	7
Other and unspecified intracranial haemorrhage	432	37	1.2	31	4	2
Occlusion and stenosis of precerebral arteries	433	9	0.3	7	2	
Occlusion of cerebral arteries	434	215	7.2	199	10	6
Transient cerebral ischaemia	435	2		2		
Acute but ill-defined cerebrovascular disease	436	1,696	57.0	1,531	117	48
Other and ill-defined cerebrovascular disease	437	117	3.9	111	4	2
Late effects of cerebrovascular disease	438	15	0.5	15		
CEREBROVASCULAR DISEASE	430 - 438	2,398	80.7	2,172	154	72
Atherosclerosis	440	385	12.9	350	23	12
Aortic aneurysm	441	224	7.5	207	10	7
Other aneurysm	442	12	0.4	12		
Other peripheral vascular disease	443	43	1.4	38	4	1
Arterial embolism and thrombosis	444	23	0.7	22	1	
Polyarteritis nodosa and allied conditions	446	9	0.3	8		1
Other disorders of arteries and arterioles	447	12	0.4	11	1	
Disorders of capillaries	448					
DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	440 - 448	708	23.8	648	39	21
Phlebitis and thrombophlebitis	451	14	0.4	12	1	1
Portal vein thrombosis	452					
Other venous embolism and thrombosis	453	9	0.3	7	1	1
Varicose veins of lower extremities	454	3	0.1	3		
Haemorrhoids	455	1			1	
Varicose veins of other sites	456	6	0.2	5		1
Noninfective disorders of lymphatic channels	457	1		1		
Hypotension	458	11	0.3	9	2	
Other disorders of circulatory system	459	11	0.3	11		
DISEASES OF VEINS AND LYMPHATICS, AND OTHER DISEASES OF CIRCULATORY SYSTEM	451 - 459	56	1.8	48	5	3
DISEASES OF THE CIRCULATORY SYSTEM	390 - 459	13,869	466.8	12,596	947	426
Acute nasopharyngitis (common cold)	460					
Acute sinusitis	461					
Acute pharyngitis	462	1		1		
Acute tonsillitis	463					
Acute laryngitis and tracheitis	464	2		1	1	
Acute upper respiratory infections of	465	1		1		

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
multiple or unspecified sites						
Acute bronchitis and bronchiolitis	466	9	0.3	7	2	
ACUTE RESPIRATORY INFECTIONS	460 - 466	13	0.4	10	3	
Deflected nasal septum	470					
Nasal polyps	471					
Chronic pharyngitis and nasopharyngitis	472					
Chronic sinusitis	473	1		1		
Chronic disease of tonsils and adenoids	474					
Peritonsillar abscess	475					
Chronic laryngitis and laryngotracheitis	476					
Allergic rhinitis	477					
Other diseases of upper respiratory tract	478					
OTHER DISEASES OF UPPER RESPIRATORY TRACT	470 - 478	1		1		
Viral pneumonia	480	6	0.2	6		
Pneumococcal pneumonia	481	16	0.5	15		1
Other bacterial pneumonia	482	58	1.9	50	4	4
Pneumonia due to other specified organism	483					
Pneumonia in infectious diseases classified elsewhere	484					
Bronchopneumonia, organism unspecified	485	70	2.3	65	4	1
Pneumonia, organism unspecified	486	946	31.8	859	61	26
Influenza	487	6	0.2	6		
PNEUMONIA AND INFLUENZA	480 - 487	1,102	37.0	1,001	69	32
Bronchitis, not specified as acute or chronic	490	4	0.1	4		
Chronic bronchitis	491	20	0.6	20		
Emphysema	492	231	7.7	231		
Asthma	493	57	1.9	46	8	3
Bronchiectasis	494	11	0.3	11		
Extrinsic allergic alveolitis	495					
Chronic airways obstruction, not elsewhere classified	496	764	25.7	712	32	20
CHRONIC OBSTRUCTIVE PLUMONARY DISEASE AND ALLIED CONDITIONS	490 - 496	1,087	36.5	1,024	40	23
Coalworker's pneumoconiosis	500	3	0.1	3		
Asbestosis	501	2		2		
Pneumoconiosis due to other silica or silicates	502	2		2		
Pneumoconiosis due to other inorganic dust	503					
Pneumopathy due to inhalation of other dust	504					
Pneumoconiosis, unspecified	505					
Respiratory conditions due to chemical fumes and vapours	506					
Pneumonitis due to solids and liquids	507	121	4.0	116	1	4
Respiratory conditions due to other and unspecified external agents	508					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1977

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
PNEUMOCONIOSES AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENTS	500 - 503	123	4.3	128	1	4
Empyema	510	2		2		
Pleurisy	511	10	0.3	9	1	
Pneumothorax	512	5	0.1	3	1	1
Abscess of lung and mediastinum	513	6	0.2	6		
Pulmonary congestion and hypostasis	514	6	0.2	6		
Postinflammatory pulmonary fibrosis	515	60	2.0	52	3	5
Other alveolar and parietoalveolar pneumopathy	516	7	0.2	5	2	
Lung involvement in conditions classified elsewhere	517					
Other diseases of lung	518	64	2.1	57	3	4
Other diseases of respiratory system	519	9	0.3	9		
OTHER DISEASES OF RESPIRATORY SYSTEM	510 - 519	169	5.6	149	10	10
DISEASES OF THE RESPIRATORY SYSTEM	460 - 519	2,500	84.1	2,308	123	69
Disorders of tooth development and eruption	520					
Diseases of hard tissues of teeth	521					
Diseases of pulp and periapical tissues	522					
Gingival and periodontal diseases	523	1			1	
Dentofacial anomalies, including malocclusion	524					
Other diseases and conditions of the teeth and supporting structures	525					
Diseases of the jaws	526					
Diseases of the salivary glands	527	1		1		
Diseases of the oral soft tissues, excluding lesions specific for gingiva and tongue	528					
	528					
Diseases and other conditions of the tongue	529					
DISEASES OF ORAL-CAVITY, SALIVARY GLANDS AND JAWS	520 - 529	2		1	1	
Diseases of oesophagus	530	20	0.6	20		
Gastric ulcer	531	28	0.9	25	2	1
Duodenal ulcer	532	23	0.7	23		
Peptic ulcer, site unspecified	533	41	1.3	37	3	1
Gastrojejunal ulcer	534	1		1		
Gastritis and duodenitis	535	4	0.1	4		
Disorders of function of stomach	536	3	0.1	3		
Other disorders of stomach and duodenum	537	8	0.2	7	1	
DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM	530 - 537	128	4.3	120	6	2

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Acute appendicitis	540	3	0.1	2	1	
Appendicitis, unqualified	541	1		1		
Other appendicitis	542					
Other diseases of appendix	543					
APPENDICITIS	540 - 543	4	0.1	3	1	
Inguinal hernia	550	3	0.1	3		
Other hernia of abdominal cavity, with gangrene	551	1		1		
Other hernia of abdominal cavity, with obstruction without mention of gangrene	552	6	0.2	4	1	1
Other hernia of abdominal cavity without mention of obstruction or gangrene	553	6	0.2	6		
HERNIA OF ABDOMINAL CAVITY	550 - 553	16	0.5	14	1	1
Regional enteritis	555	6	0.2	6		
Idiopathic proctocolitis	556	4	0.1	4		
Vascular insufficiency of intestine	557	101	3.3	84	9	8
Other noninfective gastroenteritis and colitis	558	12	0.4	11		1
NONINFECTIVE ENTERITIS AND COLITIS	555 - 558	123	4.1	105	9	9
Intestinal obstruction without mention of hernia	560	60	2.0	54	4	2
Diverticula of intestine	562	40	1.3	37	2	1
Functional digestive disorders, not elsewhere classified	564	2		2		
Anal fissure and fistula	565					
Abscess of anal and rectal regions	566	3	0.1	3		
Peritonitis	567	26	0.8	23	2	1
Other disorders of peritoneum	568	2		2		
Other disorders of intestine	569	25	0.8	21	3	1
OTHER DISEASES OF INTESTINES AND PERTONEUM	560 - 569	158	5.3	142	11	5
Acute and subacute necrosis of liver	570	11	0.3	10	1	
Chronic liver disease and cirrhosis	571	241	8.1	198	19	24
Liver abscess and sequelae of chronic liver disease	572	62	2.0	52	8	2
Other disorders of liver	573	19	0.6	15	1	3
Cholelithiasis	574	11	0.3	11		
Other disorders of gallbladder	575	22	0.7	19		3
Other disorders of biliary tract	576	16	0.5	15	1	
Diseases of pancreas	577	48	1.6	40	6	2
Gastrointestinal haemorrhage	578	103	3.4	91	5	7
Intestinal malabsorption	579	1		1		
OTHER DISEASES OF DIGESTIVE SYSTEM	570 - 579	534	17.9	452	41	41

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICD9 CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
DISEASES OF THE DIGESTIVE SYSTEM	520 - 579	965	32.4	837	71	58
Acute glomerulonephritis	580	1		1		
Nephrotic syndrome	581	2		1	1	
Chronic glomerulonephritis	582	15	0.5	13		2
Nephritis and nephropathy, not specified as acute or chronic	583	8	0.2	5	1	2
Acute renal failure	584	69	2.3	61	6	2
Chronic renal failure	585	67	2.2	53	7	7
Renal failure, unspecified	586	200	6.7	171	18	11
Renal sclerosis, uncpecified	587	2		2		
Disorders resulting from impaired renal function	588	2		2		
Small kidney of unknown cause	589					
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	580 - 589	366	12.3	309	33	24
Infections of kidney	590	38	1.2	36	2	
Hydronephrosis	591	1		1		
Calculus of kidney and ureter	592	5	0.1	4	1	
Other disorders of kidney and ureter	593	39	1.3	30	7	2
Calculus of lower urinary tract	594					
Cystitis	595	1		1		
Other disorders of bladder	596	2		2		
Urethritis, not sexually transmitted, and urethral syndrome	597					
Urethral stricture	598	2		1	1	
Other disorders of urethra and urinary tract	599	162	5.4	150	8	4
OTHER DISEASES OF URINARY SYSTEM	590 - 599	250	8.4	225	19	6
Hyperplasia of prostate	600	4	0.1	4		
Inflammatory diseases of prostate	601					
Other disorders of prostate	602	1		1		
Hydrocele	603					
Orchitis and epididymitis	604	1				1
Redundant prepuce and phimosis	605					
Infertility, male	606					
Disorders of penis	607					
Other disorders of male genital organs	608					
DISEASES OF MALE GENITAL ORGANS	600 - 608	6	0.2	5		1
Benign mammary dysplasias	610					
Other disorders of breast	611					
DISORDERS OF THE BREAST	610 - 611					
Inflammatory disease of ovary, fallopian tube, pelvic cellular tissue and peritoneum	614	2		2		
Inflammatory disease of uterus, except	615					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICD9 CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
cervix						
Inflammatory disease of cervix, vagina and vulva	616					
INFLAMMATORY DISEASE OFF FEMALE PELVIC ORGANS	614 - 616	2		2		
Endometriosis	617					
Genital prolapse	618					
Fistulae involving female genital tract	619	2		1	1	
Noninflammatory disorders of ovary, fallopian tube and broad ligament	620	1		1		
Disorders of uterus, not elsewhere classified.	621					
Noninflammatory disorders of cervix	622					
Noninflammatory disorders of vagina	623					
Noninflammatory disorders of vulva and perineum	624					
Pain and other symtoms associated with female genital organs	625					
Disorders of menstruation and other abnormal bleeding from female genital tract	626					
Menopausal and postmenopausal disorders	627					
Infertility, female	628					
Other disorders of female genital organs	629					
OTHER DISORDERS OF FEMALE GENITAL TRACT	617 - 629	3	0.1	2	1	
DISEASES OF THE GENITOURINARY SYSTEM	580 - 629	627	21.1	543	53	31
Hydatidiform mole	630					
Other abnormal product of conception	631					
Missed abortion	632					
Ectopic pregnancy	633					
Spontaneous abortion	634					
Legally induced abortion	635	1			1	
Illegally induced abortion	636					
Unspecified abortion	637					
Failed attempted abortion	638					
Complications following abortion and ectopic and molar pregnancies	639					
PREGNANCY WITH ABORTIVE OUTCOME	630 - 639	1			1	
Haemorrhage in early pregnancy	640					
Antepartum haemorrhage, abruptio placentae, and placenta previa	641					
Hypertension complicating pregnancy, childbirth and the puerperium	642					
Excessive vomiting in pregnancy	643					
Early or threatened labour	644					
Prolonged pregnancy	645					
Other complications of pregnancy, not	646					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
elsewhere classified.						
Infective and parasitic conditions in the mother clasifiable elsewhere but complicating pregnancy, childbirth and the puerperium	647					
Other current conditions in the mother classifiable elsewhere but complicating pregnancy, childbirth and the puerperium	648					
COMPLICATIONS MAINLY RELATED TO PREGNANCY	640 - 648					
Delivery in a completely normal case	650					
Multiple gestation	651					
Malposition and malpresentation of fetus	652					
Disproportion	653					
Abnormality of organs and soft tissues of pelvis	654					
Known or suspected fetal abnormality affecting management of mother	655					
Other fetal and placental problems affecting management of mother	656					
Polyhydramnios	657					
Other problems associated with amniotic cavity and membranes	658					
Other indications for care or intervention related to labour and delivery and not elsewhere classified	659					
NORMAL DELIVERY, AND OTHER INDICATIONS FOR CARE IN PREGNANCY, LABOUR AND DELIVERY	650 - 659					
Obstructed labour	660					
Abnormality of forces of labour	661					
Long labour	662					
Umbilical cord complications	663					
Trauma to perineum and vulva during delivery	664					
Other obstetrical trauma	665					
Postpartum haemorrhage	666					
Retained placenta or membranes, without haemorrhage	667					
Complications of the administration of anaesthetic or other sedation in labour and delivery	668					
Other complications of labour and delivery, not elsewhere classified	669	2		1	1	
COMPLICATIONS OCCURRING MAINLY IN THE COURSE OF LABOUR AND DELIVERY	660 - 669	2		1	1	

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1977

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Major puerperal infection	670					
Venous complications in pregnancy and the puerperium	671					
Pyrexia of unknown origin during the puerperium	672					
Obstetrical pulmonary embolism	673					
Other and unspecified complication of the puerperium, not elsewhere classified	674					
Infections of the breast and nipple associated with childbirth	675					
Other disorders of the breast associated with childbirth, and disorders of lactation	676					
COMPLICATIONS OF THE PUERPERIUM	670 - 676					
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	630 - 676	3	0.1	1	2	
Carbuncle and furuncle	680					
Cellulitis and abscess of finger and toe	681					
Other cellulitis and abscess	682	9	0.3	8	1	
Acute lymphadenitis	683					
Impetigo	684					
Pilonidal cyst	685					
Other local infections of skin and subcutaneous tissue	686	1		1		
INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	680 - 686	10	0.3	9	1	
Erythematosquamous dermatosis	690					
Atopic dermatitis and related conditions	691					
Contact dermatitis and other eczema	692					
Dermatitis due to taken internally substances	693					
Bullous dermatoses	694					
Erythematous conditions	695	2		2		
Psoriasis and similar disorders	696					
Lichen	697					
Pruritus and related conditions	698					
OTHER INFLAMMATORY CONDITIONS OF SKIN AND SUBCUTANEOUS TISSUE	690 - 698	2		2		
Corns and callosities	700					
Other hypertrophic and atrophic conditions of skin	701					
Other dermatoses	702					
Diseases of nail	703					
Diseases of hair and hair follicles	704					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Disorders of sweat glands	705	1		1		
Diseases of sebaceous glands	706					
Chronic ulcer of skin	707	31	1.0	25	4	2
Urticaria	708					
Other disorders of skin and subcutaneous tissue	709					
OTHER DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	700 - 709	32	1.0	26	4	2
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680 - 709	44	1.4	37	5	2
Diffuse diseases of connective tissue	710	20	0.6	15	3	2
Arthropathy associated with infections	711	2		1	1	
Crystal arthropathies	712					
Arthropathy associated with other disorders classified elsewhere classified	713					
Rheumatoid arthritis and other inflammatory polyarthropathies	714	25	0.8	21	2	2
Osteoarthrosis and allied disorders	715	10	0.3	9	1	
Other and unspecified arthropathies	716	4	0.1	4		
Internal derangement of knee	717					
Other derangement of joint	718					
Other and unspecified disorder of joint	719	3	0.1	3		
ARTHROPATHIES AND RELATED DISORDERS	710 - 719	64	2.1	53	7	4
Ankylosing spondylitis and other inflammatory spondylopathies	720	2		1		1
Spondylosis and allied disorders	721					
Intervertebral disc disorders	722					
Other disorders of cervical region	723					
Other and unspecified disorders of back	724	1		1		
DORSOPATHIES	720 - 724	3	0.1	2		1
Polymyalgia rheumatica	725	1		1		
Peripheral enthesopathies and allied syndromes	726					
Other disorders of synovium, tendon and bursa	727					
Disorders of muscle, ligament and fascia	728	3	0.1	3		
Other disorders of soft tissues	729	3	0.1	2		1
RHEUMATISM, EXCLUDING THE BACK	725 - 729	7	0.2	6		1
Osteomyelitis, periostitis and other infections involving bone	730	4	0.1	3		1
Osteitis deformans and osteopathies associated with other disorders classified elsewhere	731	1		1		
Osteochondropathies	732					
Other disorders of bone and cartilage	733	8	0.2	8		

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICD9 CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Flat foot	734					
Acquired deformities of toe	735					
Other acquired deformities of limbs	736					
Curvature of spine	737	2		2		
Other acquired deformity	738					
Nonallopathic lesions, not elsewhere classified	739					
OSTEOPATHIES, CHONDROPATHIES AND ACQUIRED MUSCULOSKELETAL DEFORMITIES	730 - 739	15	0.5	14		1
DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	710 - 739	89	2.9	75	7	7
Anencephalus and similar anomalies	740	3	0.1	3		
Spina bifida	741	4	0.1	3	1	
Other congenital anomalies of nervous system	742	13	0.4	10	1	2
Congenital anomalies of eye	743					
Congenital anomalies of ear, face and neck	744	1		1		
Bulbus cordis anomalies and anomalies of cardiac septal closure	745	17	0.5	16	1	
Other congenital anomalies of heart	746	32	1.0	28	3	1
Other congenital anomalies of circulatory system	747	19	0.6	15	2	2
Congenital anomalies of respiratory system	748	10	0.3	8	2	
Cleft palate and cleft lip	749					
Other congenital anomalies of upper alimentary tract	750					
Other congenital anomalies of digestive system	751	2		1	1	
Congenital anomalies of genital organs	752					
Congenital anomalies of urinary system	753	13	0.4	12	1	
Certain congenital musculoskeletal deformities	754					
Other congenital anomalies of limbs	755					
Other congenital musculoskeletal anomalies	756	4	0.1	3	1	
Congenital anomalies of the integument	757					
Chromosomal anomalies	758	18	0.6	15	2	1
Other and unspecified congenital anomalies	759	11	0.3	9		2
CONGENITAL ANOMALIES	740 - 759	155	5.0	132	15	8
Fetus or newborn affected by maternal conditions which may be unrelated to present pregnancy	760	2		2		
Fetus or newborn affected by maternal complications of pregnancy	761	6	0.2	4	2	
Fetus or newborn affected by complications of placenta, cord and membranes	762	4	0.1	4		
Fetus or newborn affected by other	763					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
complications of labour and delivery						
Slow fetal growth and fetal malnutrition	764					
Disorders relating to short gestation and unspecified low birthweight	765	25	0.8	20	4	1
Disorders relating to long gestation and high birthweight	766					
Birth trauma	767	5	0.1	4	1	
Intrauterine hypoxia and birth asphyxia	768	9	0.3	7	1	1
Respiratory distress syndrome	769	26	0.8	20	5	1
Other respiratory conditions of fetus and newborn	770	43	1.4	34	7	2
Infections specific to the perinatal period	771	12	0.4	9	1	2
Fetal and neonatal haemorrhage	772	4	0.1	2	1	1
Haemolytic disease of fetus or newborn, due to isoimmunization	773					
Other perinatal jaundice	774					
Endocrine and metabolic disturbances specific to the fetus and newborn	775	2		2		
Haematological disorders of fetus and newborn	776	2		2		
Perinatal disorders of fetus and newborn	777	1		1		
Conditions involving the integument and temperature regulation of fetus and newborn	778	3	0.1	3		
Other and ill-defined conditions originating in the perinatal period	779	43	1.4	24	16	3
CERTAIN CONDITIONS ORGINATING IN THE PERINATAL PERIOD	760 - 779	187	6.2	138	38	11
General symptoms	780	11	0.3	8	2	1
Symptoms involving nervous and musculoskeletal systems	781					
Symptoms involving skin and other integumentary tissue	782					
Symptoms concerning nutrition, metabolism and development	783					
Symptoms involving head and neck	784	1		1		
Symptoms involving cardiovascular system	785	23	0.7	22		1
Symptoms involving respiratory system and other chest symptoms	786	1		1		
Symptoms involving digestive system	787	1		1		
Symptoms involving urinary system	788					
Other symptoms involving abdomen and pelvis	789	1		1		
SYMPTOMS	780 - 789	38	1.2	34	2	2
Nonspecific findings on examination of blood	790					
Nonspecific findings on examination of urine	791					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1977

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Nonspecific abnormal findings in other body substances	792					
Nonspecific abnormal findings on radiological and other examination of body structure	793					
Nonspecific abnormal results of function studies	794					
Nonspecific abnormal histological and immunological findings	795					
Other nonspecific abnormal findings	796					
NONSPECIFIC ABNORMAL FINDINGS	790 - 796					
Senility without mention of psychosis	797	13	0.6	16	1	1
Sudden death, cause unknown	798	92	3.0	76	6	10
Other ill-defined and unknown causes of morbidity and mortality	799	138	4.4	119	7	7
ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY	797 - 799	243	8.1	211	14	18
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780 - 799	623	20.9	515	69	39
Railway accident involving collision with rolling stock	800					
Railway accident involving collision with other object	801					
Railway accident involving derailment without antecedent collision	802					
Railway accident involving explosion, fire or burning	803					
Fall in, on or from railway train	804					
Hit by rolling stock	805	7	0.2	3	1	3
Other specified railway accident	806					
Railway accident of unspecified nature	807					
RAILWAY ACCIDENTS	800 - 807	7	0.2	3	1	3
Motor vehicle traffic accident involving collision with train	810	10	0.3	8		2
Motor vehicle traffic addident involving re-entrant collision with another motor vehicle	811					
Other motor vehicle traffic accident involving collision with another motor vehicle	812	276	9.2	242	17	17
Motor vehicle traffic accident involving collision with other vehicle	813	7	0.2	5		2
Motor vehicle traffic accident involving collision with pedestrian	814	67	2.2	46	10	11
Other motor vehicle traffic accident involving collision on the highway	815	128	4.3	114	7	7
Motor vehicle traffic accident due to loss of control, without collision on	816	99	3.3	87	7	5

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICD9 CODE,
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
the highway						
Noncollision motor vehicle traffic accident while boarding or alighting	817	1		1		
Other noncollision motor vehicle traffic accident	818	10	0.3	9	1	
Motor vehicle traffic accident of unspecified nature	819	61	2.0	48	6	7
MOTOR VEHICLE TRAFFIC ACCIDENTS	810 - 819	659	22.1	560	48	51
Nontraffic accident involving motor-driven snow vehicle	820					
Nontraffic accident involving other off-road motor vehicle	821	3	0.1	2		1
Other motor vehicle nontraffic accident involving collision with moving object	822	6	0.2	5		1
Other motor vehicle nontraffic accident involving collision with stationary object	823					
Other motor vehicle nontraffic accident while boarding and alighting	824	1		1		
Other motor vehicle nontraffic accident of other and unspecified nature	825	7	0.2	5	2	
MOTOR VEHICLE NONTRAFFIC ACCIDENTS	820 - 825	17	0.5	13	2	2
Pedal cycle accident	826	1		1		
Animal-drawn vehicle accident	827					
Accident involving animal being ridden	828	4	0.1	4		
Other road vehicle accidents	829					
OTHER ROAD VEHICLE ACCIDENTS	826 - 829	5	0.1	5		
Accident to watercraft causing submersion	830	14	0.4	11	2	1
Accident to watercraft causing other injury	831					
Other accidental submersion or drowning in water transport accident	832	3	0.1	2		1
Fall on stairs or ladders in water transport	833					
Other fall from one level to another in water transport	834					
Other and unspecified fall in water transport	835					
Machinery accident in water transport	836					
Explosion, fire or burning in watercraft	837					
Other and unspecified water transport accident	838					
WATER TRANSPORT ACCIDENTS	830 - 838	17	0.5	13	2	2
Accident to powered aircraft at takeoff or landing	840					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1977

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Accident to powered aircraft, other and unspecified	841	18	0.6	18		
Accident to unpowered aircraft	842					
Fall in, on or from aircraft	843					
Other specified air transport accidents	844	1		1		
Accident involving spacecraft	845					
AIR AND SPACE TRANSPORT ACCIDENTS	840 - 845	19	0.6	19		
Accidents involving powered vehicles used solely within the buildings and premises of an industrial or commercial establishment	846					
Accidents involving cable cars not running on rails	847					
Accidents involving other vehicles not elsewhere classifiable	848	1		1		
VEHICLE ACCIDENTS NOT ELSEWHERE CLASSIFIABLE	846 - 848	1		1		
Accidental poisoning by analgesics, antipyretics, antirheumatics	850	4	0.1	4		
Accidental poisoning by barbiturates	851					
Accidental poisoning by other sedatives and hypnotics	852					
Accidental poisoning by tranquillizers	853					
Accidental poisoning by other psychotropic agents	854	2		2		
Accidental poisoning by other drugs acting on central and autonomic nervous systems	855	5	0.1	4	1	
Accidental poisoning by antibiotics	856					
Accidental poisoning by anti-infectives	857					
Accidental poisoning by other drugs	858	10	0.3	10		
ACCIDENTAL POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICALS	850 - 858	21	0.7	20	1	
Accidental poisoning by alcohol, not elsewhere classified	860	3	0.1	1	1	1
Accidental poisoning by cleansing and polishing agents, disinfectants, paints and varnishes	861					
Accidental poisoning by petroleum products, other solvents and their vapours, not elsewhere classified	862	1		1		
Accidental poisoning by agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers	863					
Accidental poisoning by corrosives and caustics, not elsewhere classified	864					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1977

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Accidental poisoning from foodstuffs and poisonous plants	865					
Accidental poisoning by other and unspecified solid and liquid substances	866	1		1		
Accidental poisoning by gas distrivuted by pipeline	867	1		1		
Accidental poisoning by other utility gas and other carbon monoxide	868	15	0.5	14	1	
Accidental poisoning by other gases and vapours	869	2		2		
ACCIDENTAL POISONING BY OTHER SOLID AND LIQUID SUBSTANCES, GASES AND VAPOURS	860 - 869	23	0.7	20	2	1
Accidental cut, puncture, perforation or haemorrhage during medical care	870	2		1	1	
Foreign object left in body during procedure	871					
Failure of sterile precautions during procedure	872					
Failure in dosage	873					
Mechanical failure of instrument or apparatus during procedure	874					
Contaminated or infected blood, other fluid, drug or biological substance	875					
Other and unspecified misadventures during medical care	876					
MISADVENTURES TO PATIENTS DURING SURGICAL AND MEDICAL CARE	870 - 876	2		1	1	
Surgical operation and other surgical procedures as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at the time of operation	878	16	0.5	16		
Other procedure, without mention of misadventure at the time of procedure, as the cause of abnormal reaction of patient, or of later complication	879	1		1		
SURGICAL AND MEDICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT OR LATER COMPLICATION, WITHOUT MENTION OF MISADVENTURE AT THE TIME OF PROCEDURE	878 - 879	17	0.5	17		
Fall on or from stairs or steps	880	5	0.1	5		
Fall on or from ladders or scaffolding	881	2		1		1
Fall from or out of building or other structure	882	7	0.2	7		
Fall into hole or other opening in surface	883	1		1		
Other fall from one level to another	884	17	0.5	17		

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1977

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Fall on same level from slipping, tripping or stumbling	885	12	0.4	12		
Fall on same level from collision, pushing or shoving, by or with other person	886					
Fracture, cause unspecified	887	41	1.3	39	1	1
Other and unspecified fall	888	88	2.9	81	6	1
ACCIDENTAL FALLS	880 - 888	173	5.8	163	7	3
Conflagration in private dwelling	890	68	2.2	44	15	9
Conflagration in other and unspecified building or structure	891					
Conflagration not in building or structure	892					
Accident caused by ignition of clothing	893	4	0.1	4		
Ignition of highly inflammable material	894	2		2		
Accident caused by controlled fire in private dwelling	895	1		1		
Accident caused by controlled fire in other and unspecified building or structure	896					
Accident caused by controlled fire not in building or structure	897	1		1		
Accident caused by other specified fire and flames	898	3	0.1	3		
Accident caused by unspecified fire	899	4	0.1	2	2	
ACCIDENTS CAUSED BY FIRE AND FLAMES	890 - 899	83	2.7	57	17	9
Excessive heat	900	7	0.2	6		1
Excessive cold	901	7	0.2	5	2	
High and low air pressure and changes in air pressure	902					
Travel and motion	903					
Hunger, thirst, exposure, neglect	904	1			1	
Venomous animals and plants as the cause of poisoning and toxic reactions	905	1		1		
Other injury casued by animals	906	1		1		
Lightning	907	2		1		1
Cataclysmic storms, and floods resulting from storms	908	2		2		
Cataclysmic earth surface movements and eruptions	909					
ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS	900 - 909	21	0.7	16	3	2
Accidental drowning and submersion	910	61	2.0	49	8	4
Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation	911	19	0.6	13	1	
Inhalation and ingestion of other object	912	49	1.6	41	3	5

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1977

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
causing obstruction of respiratory tract or suffocation						
Accidental mechanical suffocation	913	13	0.4	11	1	1
Foreign body accidentally entering eye and adnexa	914					
Foreign body accidentally entering other orifice	915					
ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION AND FOREIGN BODIES	910 - 915	142	4.7	119	13	10
Struck accidentally by falling object	916	5	0.1	4		1
Striking against or struck accidentally by objects or persons	917	4	0.1	4		
Caught accidentally in or between objects	918	1		1		
Accidents caused by machinery	919	20	0.6	14	1	1
Accidents caused by cutting and piercing instruments or objects	920	3	0.1	2	1	
Accident caused by explosion of pressure vessel	921	2		2		
Accident caused by firearm missile	922	24	0.8	22		2
Accident caused by explosive material	923	7	0.2	7		
Accident caused by hot substance or object, caustic or corrosive material and steam	924	5	0.1	5		
Accident caused by electric current	925	21	0.7	19	1	1
Exposure to radiation	926					
Overexertion and strenuous movements	927					
Other and unspecified environmental and accidental causes	928	24	0.8	19	5	
OTHER ACCIDENTS	916 - 928	116	3.9	103	6	5
Late effects of accidental injury	929	9	0.3	6	1	2
LATE EFFECTS OF ACCIDENTAL INJURY	929 - 929	9	0.3	6	1	2
Antibiotics	930					
Other anti-infectives	931					
Hormones and synthetic substitutes	932					
Primarily systemic agents	933					
Agents primarily affecting blood constituents	934					
Analgesics, antipyretics and antirheumatics	935					
Anticonvulsants and anti-Parkinsonism drugs	936					
Sedatives and hypnotics	937					
Other central nervous system depressants	938					
Psychotropic agents	939					
Central nervous system stimulants	940					
Drugs primarily affecting the autonomic nervous system	941					

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1977

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Agents primarily affecting the cardiovascular system	942	3	0.1	3		
Agents primarily affecting gastrointestinal system	943					
Water, mineral and uric acid metabolism drugs	944	1		1		
Agents primarily acting on the smooth and skeletal muscles and respiratory	945					
Agents primarily affecting skin and mucous membrane, opthalmological, otorhinolaryngological and dental drugs	946 946					
Other and unspecified drugs and medicaments	947	1		1		
Bacterial vaccines	948					
Other vaccines and biological substances	949					
DRUGS, MEDCATMENTS AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE	940 - 949	5	0.1	5		
Suicide and selfinflicted poisoning by solid or liquid substances	950	39	1.3	38		1
Suicide and selfinflicted poisoning by gases in domestic use	951					
Suicide selfinflicted poisoning by other gases and vapours	952	33	1.1	32	1	
Suicide selfinflicted injury by hanging, strangulation and suffocation	953	56	1.8	49	3	4
Suicide and selfinflicted injury by submersion (drowning)	954	2		2		
Suicide and selfinflicted injury by firearms and explosives	955	336	11.3	314	9	13
Suicide and selfinflicted injury by cutting and piercing instruments	956	5	0.1	5		
Suicide and selfinflicted injuries by jumping from high place	957	3	0.1	2	1	
Suicide and selfinflicted injury by other and unspecified means	958	10	0.3	10		
Late effects of selfinflicted injury	959					
Flight, brawl, rape						
SUICIDE AND SELFINFLICTED INJURY	950 - 959	479	16.2	452	14	13
Assault by corrosive or caustic substance, except poisoning	961					
Assault by poisoning	962	1		1		
Assault by hanging and strangulation	963	12	0.4	9		3
Assault by submersion (drowning)	964					
Assault by firearms and explosives	965	164	5.5	121	32	11
Assault by cutting and piercing instruments	966	40	1.3	21	15	4

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1987

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Child battering and other maltreatment	967	3	0.1	3		
Assault by other and unspecified means	968	53	1.7	36	13	4
Late effects of injury purposely inflicted by other person	969	1			1	
HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	960 - 969	274	9.2	191	61	22
Injury due to legal intervention by firearms	970	7	0.2	4	2	1
Injury due to legal intervention by exploxives	971					
Injury due to legal intervention by gas	972					
Injury due to legal intervention by blunt object	973					
Injury due to legal intervention by cutting and piercing instruments	974					
Injury due to legal intervention by other specified means	975					
Injury due to legal intervention by unspecified means	976					
Late effects of injuries due to legal intervention	977					
Legal execution	978					
LEGAL INTERVENTION	970 - 978	7	0.2	4	2	1
Poisoning by solid or liquid substances, undetermined whether accidentally or purposely inflicted	980	16	0.5	10	3	3
Poisoning by gases in domestic use, undetermined whether accidentally or purposely inflicted	981					
Poisoning by other gases, undetermined whether accidentally or purposely inflicted	982					
Hanging, strangulation or suffocation, undetermined whether accidentally or purposely inflicted	983	2		1		1
Submersion (drowning), undetermined whether accidentally or purposely inflicted	984	3	0.1	1	2	
Injury by firearms and explosives, undetermined whether accidentally or purposely inflicted	985	9	0.3	7	1	1
Injury by cutting and piercing instruments, undetermined whether accidentally or purposely inflicted	986	1		1		
Falling from high place, undetermined whether accidentally or purposely inflicted	987					
Injury by other and unspecified means,	988	12	0.4	10	1	1

TABLE XIV
RESIDENT DEATHS BY THREE-DIGIT ICDA CODES
NUMBER AND RATE AND RACE, OKLAHOMA, 1977

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
undetermined whether accidentally or purposely inflicted						
Late effects of injury, undetermined whether accidentally or purposely inflicted	989	1		1		
INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	980 - 989	44	1.4	31	7	6
Injury due to war operations by fires and conflagrations	990					
Injury due to war operations by bullets and fragments	991					
Injury due to war operations by explosion of marine weapons	992					
Injury due to war operations by other explosion	993					
Injury due to war operations by destruction of aircraft	994					
Injury due to war operations by other and unspecified forms of conventional warfare	995					
Injury due to war operations by nuclear weapons	996					
Injury due to war operations by other forms of unconventional warfare	997					
Injury due to war operations but occurring after cessation of hostilities	998					
Late effects of injury due to war operations	999					
INJURY RESULTING FROM OPERATIONS OF WAR	990 - 999					
ALL CAUSES		29,191	982.5	26,187	1,966	1,038

TABLE XV
FETAL DEATHS BY ICDA, BY RACE
OKLAHOMA, 1987
PER 1000 LIVE BIRTHS

CAUSE OF DEATH		TOTAL	RATE	WHITE	BLACK	INDIAN
Anencephalus and similar anomalies	740	5	0.1	5		
Spina bifida	741	4	0.1	3	1	
Other congenital anomalies of nervous system	742	19	0.6	16	1	2
Congenital anomalies of eye	743					
Congenital anomalies of ear, face and neck	744	1		1		
Bulbus cordis anomalies and anomalies of cardiac septal closure	745	17	0.5	16	1	
Other congenital anomalies of heart	746	32	1.0	28	3	1
Other congenital anomalies of circulatory system	747	19	0.6	15	2	2
Congenital anomalies of respiratory system	748	10	0.3	8	2	
Cleft palate and cleft lip	749					
Other congenital anomalies of upper alimentary tract	750					
Other congenital anomalies of digestive system	751	2		1	1	
Congenital anomalies of genital organs	752					
Congenital anomalies of urinary system	753	13	0.4	12	1	
Certain congenital musculoskeletal deformities	754					
Other congenital anomalies of limbs	755					
Other congenital musculoskeletal anomalies	756	4	0.1	3	1	
Congenital anomalies of the integument	757					
Chromosomal anomalies	758	18	0.6	15	2	1
Other and unspecified congenital anomalies	759	11	0.3	9		2
CONGENITAL ANOMALIES	740 - 759	155	5.2	132	15	8
Fetus or newborn affected by maternal conditions which may be unrelated to present pregnancy	760	2		2		
Fetus or newborn affected by maternal complications of pregnancy	761	6	0.2	4	2	
Fetus or newborn affected by complications of placenta, cord and membranes	762	4	0.1	4		
Fetus or newborn affected by other complications of labour and delivery	763					
Slow fetal growth and fetal malnutrition	764					
Disorders relating to short gestation and unspecified low birthweight	765	25	0.8	20	4	1
Disorders relating to long gestation and high birthweight	766					
Birth trauma	767	5	0.1	4	1	
Intrauterine hypoxia and birth asphyxia	768	9	0.3	7	1	1
Respiratory distress syndrome	769	26	0.9	20	5	1
Other respiratory conditions of fetus and newborn	770	43	1.4	34	7	2
Infections specific to the perinatal period	771	12	0.4	9	1	2
Fetal and neonatal haemorrhage	772	4	0.1	2	1	1
Haemolytic disease of fetus or newborn, due to isoimmunization	773					
Other perinatal jaundice	774					
Endocrine and metabolic disturbances specific to the fetus and newborn	775	2		2		
Haematological disorders of fetus and newborn	776	2		2		
Perinatal disorders of fetus and newborn	777	1		1		
Conditions involving the integument and temperature regulation of fetus and newborn	778	3	0.1	3		
Other and ill-defined conditions originating in the perinatal period	779	43	1.4	24	16	3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760 - 779	187	6.2	138	38	11
TOTAL CAUSES		342	11.5	270	53	19

TABLE XVI
BIRTHS AND DEATHS OF OKLAHOMA RESIDENTS BY STATE OF OCCURRENCE AND BIRTHS AND DEATHS OF OUT-OF-STATE RESIDENCE OCCURRING IN OKLAHOMA BY STATE OF RESIDENCE, 1957

STATE	OKLAHOMA OCCURRENCE FOR OUT-OF-STATE RESIDENTS		OUT-OF-STATE OCCURENCE OF OKLAHOMA RESIDENTS	
	BIRTHS	DEATHS	BIRTHS	DEATHS
ALABAMA		6	1	4
ALASKA	3	4		
ARIZONA	1	5	2	22
ARKANSAS	91	75	735	442
CALIFORNIA	11	16	5	53
COLORADO	4	3	5	24
CONNECTICUT	1	1		
DELAWARE			1	
DISTRICT OF COLUMBIA				1
FLORIDA	2	10	3	11
GEORGIA	3	5	3	2
HAWAII			2	4
IDAHO		1		
ILLINOIS	3	11	2	7
INDIANA		7		2
IOWA		3		2
KANSAS	199	127	248	160
KENTUCKY	3		3	2
LOUISIANA	2	7		12
MAINE		1		
MARYLAND	1	1	2	
MASSACHUSETTS	1	1		2
MICHIGAN	3	4	1	1
MINNESOTA	2	5	4	9
MISSISSIPPI	2	2	5	1
MISSOURI	53	38	75	96
MONTANA		2		2
NEBRASKA	1	8	1	5
NEVADA	1	2		
NEW HAMPSHIRE				1
NEW JERSEY	1	1	1	2
NEW MEXICO	6	14	6	35
NEW YORK	2	9	1	
NORTH CAROLINA	1	2		2
NORTH DAKOTA	1	1	4	
OHIO	2	5	2	2
OREGON		2		2
PENNSYLVANIA	1	6	2	5
RHODE ISLAND			1	
SOUTH CAOLINA	1			2
SOUTH DAKOTA	1		1	1
TENNESSEE	2	1	2	6
TEXAS	195	154	406	499
UTAH	1	1	2	3
VIRGINIA	1	3	1	2
WASHINGTON	3	3	1	4
WEST VIRGINIA		1		
WISONSIN	2	4		1
WYOMING		2		1
OTHER COUNTRIES	1	2		
TOTAL	608	531	1,523	1,429

TABLE XVII
BIRTHS, FETAL DEATHS (STILLBIRTHS), DEATHS, INFANT AND NEONATAL DEATHS BY COUNTY OF RESIDENCE AND OCCURENCE INFANT AND NEONATAL DEATHS
OKLAHOMA, 1987

COUNTY	BIRTHS RES.	BIRTHS OCC.	STILLBIRTHS RES.	STILLBIRTHS OCC.	DEATHS RES.	DEATHS OCC.	INFANT DEATHS RES.	INFANT DEATHS OCC.	NEONATAL DEATHS RES.	NEONATAL DEATHS OCC.
UNKNOWN					5					
ADAIR	323	41	3		212	129	7	3	2	1
ALFALFA	83	14	2		94	60	1		1	
ATOKA	166	16	2		132	104				
BEAVER	74	36			56	43	2		2	
BECKHAM	271	321	7	6	268	256	1	1		
BLAINE	189	136	1	1	183	157	4	1	1	
BRYAN	452	415		3	372	281	4		3	
CADDO	[illegible]	77	6	3	359	222	4		3	
CANADIAN	[illegible]	111	3		414	213	8		5	
CARTER	625	788	6	6	512	490	4	1	2	1
CHEROKEE	414	1,158	5	10	273	243	2	3	1	2
CHOCTAW	232	148	3	2	215	125	1		1	
CIMARRON	[illegible]	54			43	39				
CLEVELAND	[illegible]	1,392	13	8	791	762	26	9	12	3
COAL	75	8			63	46	2	1	1	
COMANCHE	[illegible]	2,797	21	20	720	770	13	7	10	3
COTTON	[illegible]	1			102	61				
CRAIG	185	98	2		215	173	1		1	
CREEK	907	138	1		535	366	4	1	2	
CUSTER	394	602	6	3	224	217	6	4	5	4
DELAWARE	356	151	1		326	261	2	3		1
DEWEY	79	31	2	2	78	56				
ELLIS	51	176		2	53	61	1	3	1	3
GARFIELD	942	1,135	5	9	630	728	7	6	4	4
GARVIN	352	192			334	256	1	2	2	1
GRADY	609	631	2	3	356	318	5	3	3	1
GRANT	70	1			102	45				
GREER	[illegible]	38			124	82				
HARMON	57	14			62	50				
HARPER	43	24	1		63	51				
HASKELL	127	1			123	75				
HUGHES	137		1		179	119		1		
JACKSON	633	633	4	4	240	263	4	2	4	2
JEFFERSON	67	13	2		105	78	1	1		
JOHNSTON	139	32	2	1	169	112				
KAY	752	724	8	8	538	534	8	4	5	2
KINGFISHER	221	159			146	116				
KIOWA	179	152			183	126	1	1		
LATIMER	153	261		1	100	104				
LE FLORE	568	266	3	3	444	296	9	1	8	1
LINCOLN	393	65	2		270	182	4		2	
LOGAN	400	74	3		280	224	4	2	2	
LOVE	100				87	73	4		3	
McCLAIN	290	33			193	127	1			
McCURTAIN	540	270	8	3	349	250	5	3	4	2
McINTOSH	211	1	3		253	147	1	1	1	
MAJOR	93	38	1		87	61	2	1	1	
MARSHALL	122	51	2	1	129	104	1	1		
MAYES	464	139	6	2	374	273	5	2	1	
MURRAY	143	[illegible]			146	115				
MUSKOGEE	990	934	14	14	755	1,011	9	4	6	3
NOBLE	156	46	1		137	117	1	1	1	1
NOWATA	117	24			121	90	2		1	
OKFUSKEE	172	51	3		157	84	3	2		
OKLAHOMA	17,044	13,235	95	126	5,211	6,748	112	199	68	130
OKMULGEE	571	524	6	7	465	372	7	4	4	1
OSAGE	465	90	4	1	292	203	1		1	
OTTAWA	387	302	3	3	376	300	5		3	
PAWNEE	232	102	1	1	164	88	2		1	
PAYNE	754	541	1		466	426	5	2	4	1
PITTSBURG	484	633	2	1	466	425	5	2	2	1
PONTOTOC	467	1,365	2	5	385	444	5	4	4	3
POTTAWATOMIE	880	876	6	4	597	543	11	9	4	1
PUSHMATAHA	148	108			129	92	1		1	
ROGER MILLS	55	23			49	34	1	1	1	1
ROGERS	776	1,278	9	12	376	318	9	3	6	2
SEMINOLE	373	102	3	1	320	209	4	3	1	1
SEQUOYAH	501	126	1	1	327	221	7	3	3	
STEPHENS	497	437	6	4	467	409	4	2	2	
TEXAS	247	162	7	4	144	92	5	2	2	
TILLMAN	171	67	1	1	168	137	2	2	1	1
TULSA	9,417	10,381	65	76	3,596	4,903	76	126	41	79
WAGONER	618	37	5	1	313	191	9	4	6	3
WASHINGTON	615	834	7	9	512	528	9	6	3	3
WASHITA	143	12			132	80	1		1	
WOODS	131	98	2	1	120	93	2		2	
WOODWARD	291	215	2	2	170	152	2		2	
ENTIRE STATE	47,657	46,777	393	375	29,191	29,344	458	447	268	262

Table XVIII
Marriages and Divorces, By County, Number and Rate Per 1000 Population
Oklahoma, 1987

COUNTY	MARRIAGES		DIVORCES		ANNULMENTS		DIVORCES & ANNULMENTS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ENTIRE STATE	31023	9.7	23745	7.3	174	0.1	23919	7.3
Adair	138	6.8	102	5.3	-	-	102	5.3
Alfalfa	62	9.3	19	2.8	1	0.1	20	3.0
Atoka	199	14.7	75	5.6	-	-	75	5.6
Beaver	49	6.9	33	4.6	1	0.1	34	4.8
Beckham	126	6.3	145	7.3	1	0.1	146	7.3
Blaine	79	6.0	69	5.3	-	-	69	5.3
Bryan	567	17.1	237	7.1	4	0.1	241	7.3
Caddo	136	5.7	162	5.0	2	0.1	164	5.0
Canadian	444	6.0	300	6.8	2	0.0	302	6.8
Carter	442	9.5	278	6.0	1	0.0	279	6.0
Cherokee	302	3.7	251	3.1	-	-	251	3.1
Choctaw	206	12.4	111	6.7	10	0.6	121	7.3
Cimarron	39	9.8	20	5.0	-	-	20	5.0
Cleveland	1238	7.6	1212	7.4	7	0.0	1219	7.5
Coal	45	7.4	54	8.9	-	-	54	8.9
Comanche	1286	10.8	1044	8.7	12	0.1	1056	8.8
Cotton	39	5.6	57	8.1	1	0.1	58	8.3
Craig	38	5.9	82	5.5	-	-	82	5.5
Creek	578	8.6	403	6.0	2	0.0	405	6.1
Custer	237	3.3	142	4.9	2	0.1	144	5.0
Delaware	121	4.3	157	5.6	1	0.0	158	5.6
Dewey	-	-	20	3.3	-	-	20	3.3
Ellis	13	3.4	21	4.0	1	0.2	22	4.2
Garfield	598	10.0	326	5.5	3	0.1	329	5.5
Garvin	109	6.8	196	6.7	2	0.1	198	6.8
Grady	263	6.1	247	5.7	-	-	247	5.7
Grant	23	4.5	16	2.6	-	-	16	2.6
Greer	35	5.2	65	9.7	1	0.1	66	9.8
Harmon	17	4.0	13	3.1	1	0.2	14	3.3
Harper	31	6.9	19	4.2	-	-	19	4.2
Haskell	117	9.8	97	8.2	5	0.4	102	8.6
Hughes	80	5.5	62	4.3	-	-	62	4.3
Jackson	212	6.9	199	6.4	3	0.1	202	6.5
Jefferson	62	7.9	38	4.9	-	-	38	4.9
Johnston	69	6.3	70	6.4	1	0.1	71	6.5
Kay	526	10.2	293	5.7	2	0.0	295	5.7
Kingfisher	141	9.3	75	4.9	-	-	75	4.9
Kiowa	64	5.4	65	5.5	1	0.1	66	5.6
Latimer	76	7.1	49	4.6	-	-	49	4.6
Leflore	403	8.9	454	10.0	1	0.0	455	10.0
Lincoln	195	6.6	179	6.1	-	-	179	6.1
Logan	229	7.6	129	4.3	3	0.1	132	4.4
Love	111	13.9	75	9.4	-	-	75	9.4
McClain	109	8.1	159	6.4	2	0.1	161	6.5
McCurtain	336	9.2	206	5.6	3	0.1	209	5.7
McIntosh	97	5.5	92	5.3	1	0.1	93	5.3
Major	57	6.5	43	4.9	-	-	43	4.9
Marshall	94	8.0	65	5.6	2	0.2	67	5.7
Mayes	247	7.1	223	6.4	-	-	223	6.4
Murray	86	6.8	84	6.5	1	0.1	85	6.7
Muskogee	643	9.2	524	7.3	-	-	524	7.3
Noble	83	7.1	63	5.4	-	-	63	5.4
Nowata	59	5.4	71	6.5	1	0.1	72	6.6
Okfuskee	65	5.7	59	5.1	1	0.1	60	5.2
Oklahoma	6687	10.7	5405	8.7	26	0.0	5431	8.7
Okmulgee	275	6.9	274	6.9	4	0.1	278	7.0
Osage	117	2.9	216	5.3	1	0.0	217	5.4
Ottawa	3814	115.9	198	6.0	1	0.0	199	6.0
Pawnee	132	7.9	96	5.7	-	-	96	5.7
Payne	523	8.2	334	5.2	-	-	334	5.2
Pittsburg	386	8.9	356	8.2	15	0.3	371	8.5
Pontotoc	330	9.5	238	6.3	2	0.1	240	6.9
Pottawatomie	536	8.8	438	7.2	-	-	438	7.2
Pushmataha	84	7.0	57	4.8	1	0.1	57	4.8
Roger Mills	25	4.6	23	4.3	-	-	24	4.3
Rogers	335	6.0	391	7.0	4	0.1	395	7.1
Seminole	171	6.1	171	6.1	2	0.1	173	6.2
Sequoyah	212	6.0	251	7.1	-	-	251	7.1
Stephens	230	5.4	214	5.0	2	0.0	216	5.1
Texas	124	7.0	110	6.3	-	-	110	6.3
Tillman	44	1.5	35	1.2	-	-	35	1.2
Tulsa	5136	9.9	4601	8.9	30	0.1	4631	8.9
Wagoner	201	3.9	415	8.1	3	0.1	418	8.1
Washington	264	6.2	221	5.2	-	-	221	5.2
Washita	54	4.3	66	5.2	-	-	66	5.2
Woods	74	7.3	56	5.5	1	0.1	57	5.6
Woodward	153	7.8	129	6.4	-	-	129	6.4
Unknown	-	-	-	-	-	-	-	-

RATES AND RATIOS

Cause-Specific Death Rate = $\frac{\text{Number of Resident Deaths from a Particular Cause}}{\text{Total Resident Population}} \times 100{,}000$

Crude Birth Rate = $\frac{\text{Number of Resident Births}}{\text{Total Resident Population}} \times 100{,}000$

Crude Death Rate = $\frac{\text{Number of Resident Deaths}}{\text{Total Resident Population}} \times 100{,}000$

Divorce Rate = $\frac{\text{Number of Divorces and Annulments}}{\text{Total Resident Population}} \times 1{,}000$

Fertility Rate = $\frac{\text{Number of Resident Live Births}}{\text{Total Female Population (15-44)}} \times 1{,}000$

Fetal Mortality Rate = $\frac{\text{Number of Resident Fetal Deaths}}{\text{Total Resident Live Births and Resident Fetal Deaths}} \times 1{,}000$

Fetal Mortality Ratio = $\frac{\text{Number of Resident Fetal Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

Infant Mortality Rate = $\frac{\text{Number of Infant Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

Marriage Rate = $\frac{\text{Number of Marriages}}{\text{Total Resident Population}} \times 1{,}000$

Maternal Mortality Rate = $\frac{\Sigma \text{ Number of Maternal Deaths}}{\Sigma \text{ Total Resident Live Births}} \times 10{,}000$

Median Age = That age above and below which one-half of the age distribution lies

Neonatal Mortality Rate = $\frac{\text{Number of Neonatal Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

Perinatal Mortality Rate = $\frac{\text{Number of Perinatal Deaths}}{\text{Total Resident Live Births and Resident Fetal Deaths}} \times 1{,}000$

Post-Neonatal Mortality Rate $\frac{\text{Infant Deaths - Neonatal Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

Out-of-Wedlock Ratio = $\frac{\text{Number of Resident Out-of-Wedlock Births}}{\text{Total Resident Live Births}} \times 1{,}000$

Sex Ratio = $\frac{\text{Number of Males}}{\text{Number of Females}} \times 100$

TECHNICAL APPENDIX

DEFINITIONS

Birth Weight	Weight of infant at time of delivery
Fetal Death (Stillbirth)	Death prior to the complete expulsion or extraction from its mother of a product of human conception after a period of gestation as prescribed by the State Board of Health. The death is indicated by the fact that, after such expulsion or extraction, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles
Infant Death	Death occurring to individuals of less than one year of age
Live Birth	The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which after such expulsion or extraction, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached
Low-Weight Birth	Birth wherein the weight is equivalent to or less than 5 lb. 8 oz
Maternal Death	Death in which the physician has designated a condition related to pregnancy, childbirth, or the puerperium as the underlying cause of death
Neonatal Death	Death occurring to individuals of less than 28 days of age
Occurrence	Place where the event occurred
Out-of-Wedlock Birth	Birth wherein there is no marital tie between mother and father
Perinatal Death	Death occurring to a fetus 20 weeks gestation or more, or to an infant 28 days or less
Residence	The usual place of residence of the individual. For deaths, this is defined as the usual residence of the decedent as indicated on the certificate; for births and fetal deaths, the residence is defined as the usual place of residence of the mother
Metropolitan Statistical Area (MSA)	A county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more
Underlying Cause of Death	That disease or condition which gave rise to the chain of morbid events leading to death OR the circumstances of the accident or violence that produced the fatal injury

NOTE ON THE USE OF RATES

Rates based on a small number of events may exhibit considerable variation from time period to time period or from place to place even though there may be a change or difference of only one or two events. Also, care should be taken in attributing differences in rates between different areas to particular factors since the rate of an area is largely influenced by the demographic composition of the population. Conclusions drawn from comparing vital statistics rates should be evaluated in light of these factors.

STATISTICAL VARIABLES AVAILABLE

BIRTHS/FETAL DEATHS

Race
Sex
Age of Mother
Attendant
Hospital

County of Residence
City of Residence (>2,500 Pop.)
Out-of-State Residence
Out-of-State Occurrence

DEATHS/INFANT AND NEONATAL DEATHS

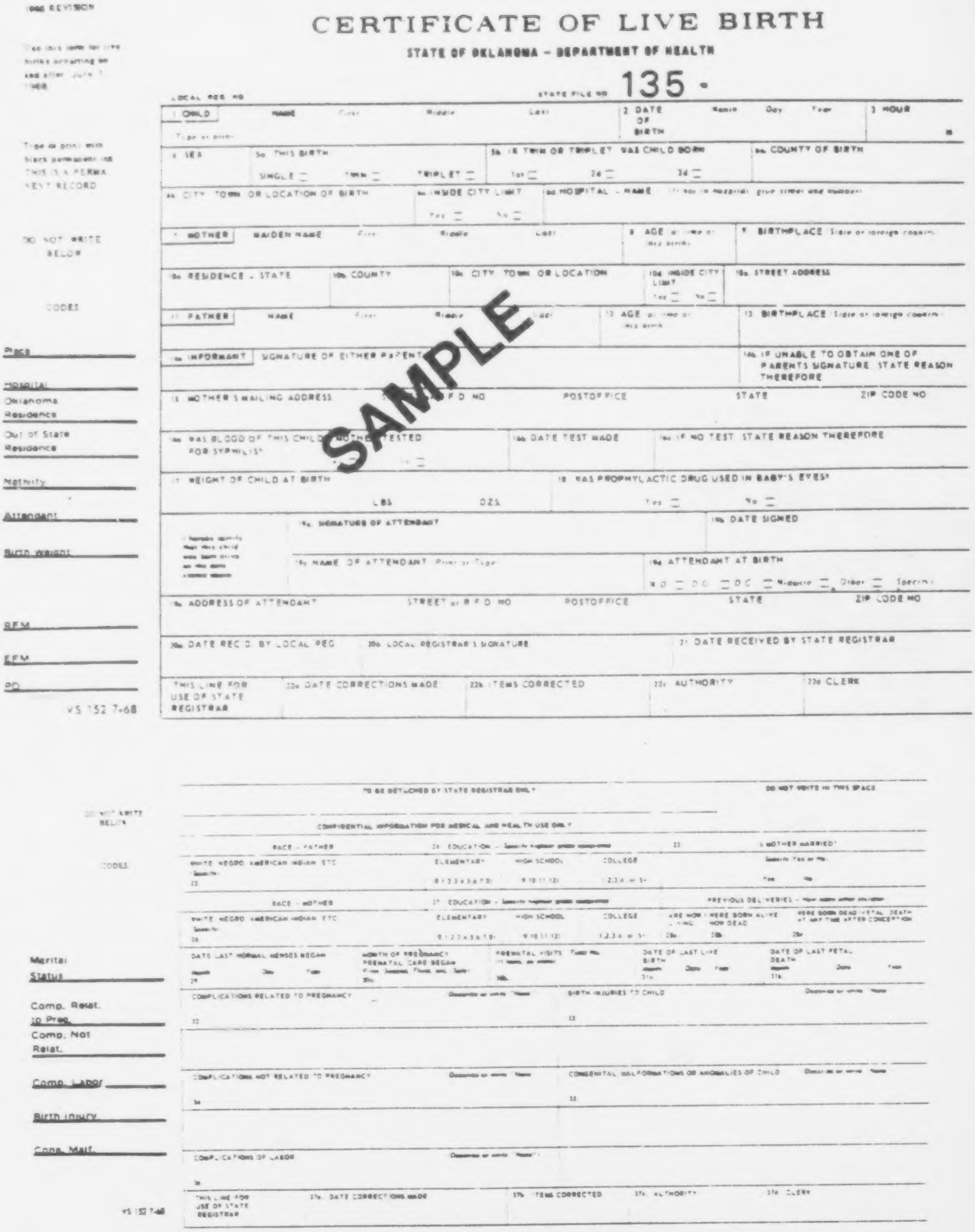
Race
Sex
Age Groups
Month
34 Causes
Individual Cause

County of Residence
City of Residence (>2,500 Pop.)
Out-of-State Residence
Out-of-State Occurrence

GENERAL PATTERN OF VITAL STATISTICS REGISTRATION IN OKLAHOMA

<table>
<tr><th>RESPONSIBLE PERSON OR AGENCY</th><th>BIRTH CERTIFICATE</th><th>DEATH CERTIFICATE</th><th>FETAL DEATH CERTIFICATE (Stillbirth)</th></tr>
<tr><td>Hospital Administrator or his Designee
or
Other Attendant</td><td>1. Completes entire certificate in consultation with parent(s).
2. Files certificate with Local Registrar.</td><td>*********************</td><td>*********************</td></tr>
<tr><td>Funeral Director</td><td>*********************
*********************</td><td>1. Obtains personal facts about decedent and completes that portion of the certificate.
2. Delivers certificate to physician for completion of medical certification.
3. Files certificate with Local Registrar.
4. Obtains authorization for disposition of body.</td><td>1. Obtains personal data from next of kin.
2. Obtains medical certification of cause of death from physician.
3. Files certificate with Local Registrar.
4. Obtains authorization for disposition of fetus.</td></tr>
<tr><td>Physician or Other Attendant</td><td>Provides medical information and signs certificate.</td><td>Completes medical certification portion and signs certificate.</td><td>Completes medical certification portion and signs certificate.</td></tr>
<tr><td>Local Registrar</td><td>1. Verifies accuracy and completeness of certificate and queries incomplete or inconsistent certificates.
2. Sends certificate to State Registrar.</td><td>1. Verifies completeness and accuracy of certificate and queries inconsistent or incomplete certificates.
2. Issues authorization for disposition of body and sends certificate to State Registrar.</td><td>1. Verifies completeness and accuracy of certificate and queries inconsistent or incomplete certificates.
2. Issues authorization for disposition of fetus and sends certificate to State Registrar.</td></tr>
<tr><td colspan="4">City and county health departments use data derived from these records in allocating medical and nursing services, follow-ups of infectious diseases, planning programs, measuring effectiveness of services, and conducting studies.</td></tr>
<tr><td>State Registrar, Vital Records Division</td><td colspan="3">1. Queries incomplete or inconsistent information.
2. Maintains files for permanent reference and is the source of certified copies.</td></tr>
<tr><td>Data Management Division, Public Health Statistics Section</td><td colspan="3">1. Developes vital statistics for use in planning, evaluation, and administering State and local health activities and for research studies.
2. Compiles health related statistics for State and vital divisions of State for use of the Health Department and other agencies and groups interested in the fields of medical science, public health, demography, and social welfare.
3. Sends copies of records or data derived from records to the National Center for Health Statistics.</td></tr>
<tr><td>Public Health Service - National Center for Health Statistics</td><td colspan="3">1. Prepares and publishes national statistics of births, deaths, and fetal deaths, and constructs official U.S. life tables and related actuarial tables.
2. Conducts health and social research studies based on vital records and on sampling surveys linked to records.
3. Conducts research and methodological studies in vital statistics methods, including the technical, administrative, and legal aspects of vital records registration and administration.
4. Maintains a continuing technical assistance program to improve the quality and usefullness of vital statistics.</td></tr>
</table>

FIGURE 1



1968 REVISION

Use this form for live births occurring on and after July 1, 1968

Type or print with black permanent ink THIS IS A PERMANENT RECORD

DO NOT WRITE BELOW

CODES

Place

Hospital

Oklahoma Residence

Out of State Residence

Nativity

Attendant

Birth weight

BFM

EFM

PD

VS 152 7-68

CERTIFICATE OF LIVE BIRTH

STATE OF OKLAHOMA – DEPARTMENT OF HEALTH

LOCAL REG. NO.

STATE FILE NO. 135 -

1 CHILD NAME First Middle Last — 2 DATE OF BIRTH Month Day Year — 3 HOUR M

Type or print

4 SEX — 5a THIS BIRTH SINGLE ☐ TWIN ☐ TRIPLET ☐ — 5b IF TWIN OR TRIPLET WAS CHILD BORN 1st ☐ 2d ☐ 3d ☐ — 6a COUNTY OF BIRTH

6b CITY, TOWN OR LOCATION OF BIRTH — 6c INSIDE CITY LIMIT Yes ☐ No ☐ — 6d HOSPITAL - NAME (If not in hospital, give street and number)

7 MOTHER MAIDEN NAME First Middle Last — 8 AGE (at time of this birth) — 9 BIRTHPLACE (State or foreign country)

10a RESIDENCE - STATE — 10b COUNTY — 10c CITY, TOWN OR LOCATION — 10d INSIDE CITY LIMIT Yes ☐ No ☐ — 10e STREET ADDRESS

11 FATHER NAME First Middle Last — 12 AGE (at time of this birth) — 13 BIRTHPLACE (State or foreign country)

14a INFORMANT SIGNATURE OF EITHER PARENT — 14b IF UNABLE TO OBTAIN ONE OF PARENTS SIGNATURE, STATE REASON THEREFORE

15 MOTHER'S MAILING ADDRESS — STREET OR R F D NO — POSTOFFICE — STATE — ZIP CODE NO

16a WAS BLOOD OF THIS CHILD'S MOTHER TESTED FOR SYPHILIS? Yes ☐ No ☐ — 16b DATE TEST MADE — 16c IF NO TEST, STATE REASON THEREFORE

17 WEIGHT OF CHILD AT BIRTH LBS OZS — 18 WAS PROPHYLACTIC DRUG USED IN BABY'S EYES? Yes ☐ No ☐

I hereby certify that this child was born alive on the date stated above

19a SIGNATURE OF ATTENDANT — 19b DATE SIGNED

19c NAME OF ATTENDANT (Print or Type) — 19d ATTENDANT AT BIRTH M D ☐ D O ☐ D C ☐ Midwife ☐ Other ☐ (Specify)

19e ADDRESS OF ATTENDANT — STREET OR R F D NO — POSTOFFICE — STATE — ZIP CODE NO

20a DATE REC'D BY LOCAL REG — 20b LOCAL REGISTRAR'S SIGNATURE — 21 DATE RECEIVED BY STATE REGISTRAR

THIS LINE FOR USE OF STATE REGISTRAR — 22a DATE CORRECTIONS MADE — 22b ITEMS CORRECTED — 22c AUTHORITY — 22d CLERK

TO BE DETACHED BY STATE REGISTRAR ONLY — DO NOT WRITE IN THIS SPACE

DO NOT WRITE BELOW

CODES

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

RACE - FATHER: WHITE, NEGRO, AMERICAN INDIAN, ETC (Specify) 23 — 24 EDUCATION: ELEMENTARY (0 1 2 3 4 5 6 7 8) HIGH SCHOOL (9 10 11 12) COLLEGE (1 2 3 4 or 5+) — 25 MOTHER MARRIED? Yes No

RACE - MOTHER: WHITE, NEGRO, AMERICAN INDIAN, ETC (Specify) 26 — 27 EDUCATION: ELEMENTARY (0 1 2 3 4 5 6 7 8) HIGH SCHOOL (9 10 11 12) COLLEGE (1 2 3 4 or 5+) — PREVIOUS DELIVERIES: ARE NOW LIVING 28a; WERE BORN ALIVE NOW DEAD 28b; WERE BORN DEAD (FETAL DEATH AT ANY TIME AFTER CONCEPTION) 28c

Marital Status

DATE LAST NORMAL MENSES BEGAN Month Day Year 29 — MONTH OF PREGNANCY PRENATAL CARE BEGAN 30a — PRENATAL VISITS 30b — DATE OF LAST LIVE BIRTH Month Day Year 31a — DATE OF LAST FETAL DEATH Month Day Year 31b

Comp. Relat. to Preg.

COMPLICATIONS RELATED TO PREGNANCY 32 — BIRTH INJURIES TO CHILD 33

Comp. Not Relat.

Comp. Labor

COMPLICATIONS NOT RELATED TO PREGNANCY 34 — CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD 35

Birth Injury

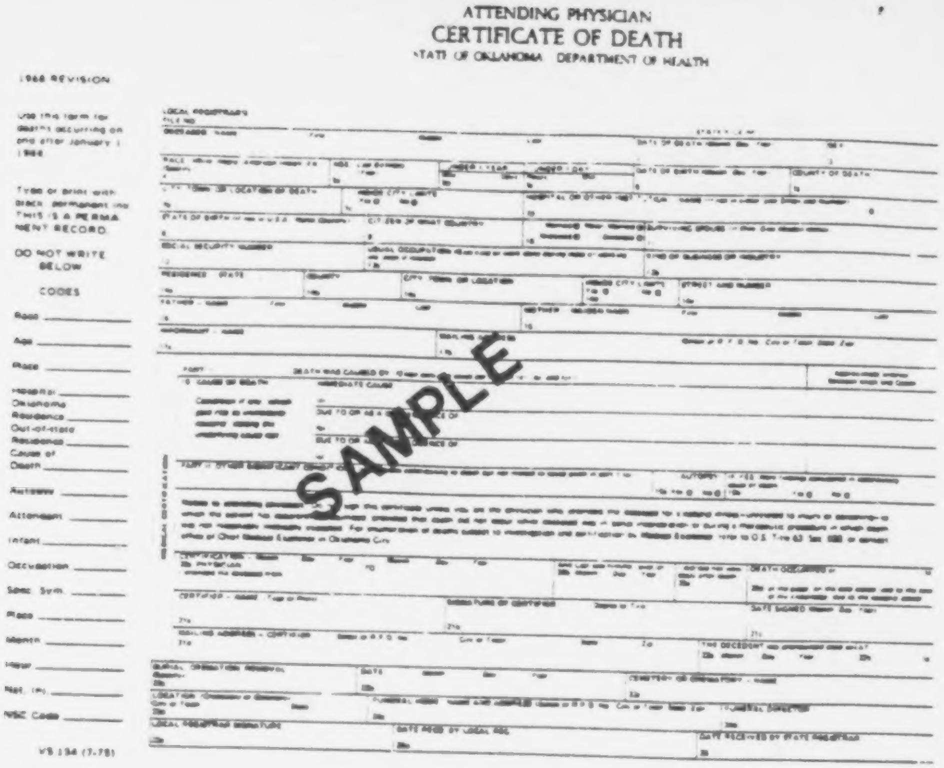
Cong. Malf.

COMPLICATIONS OF LABOR 36

THIS LINE FOR USE OF STATE REGISTRAR — 37a DATE CORRECTIONS MADE — 37b ITEMS CORRECTED — 37c AUTHORITY — 37d CLERK

VS 152 7-68

FIGURE 2



ATTENDING PHYSICIAN
CERTIFICATE OF DEATH
STATE OF OKLAHOMA DEPARTMENT OF HEALTH

1968 REVISION

Use this form for deaths occurring on and after January 1 1968

Type or print with black permanent ink THIS IS A PERMANENT RECORD

DO NOT WRITE BELOW

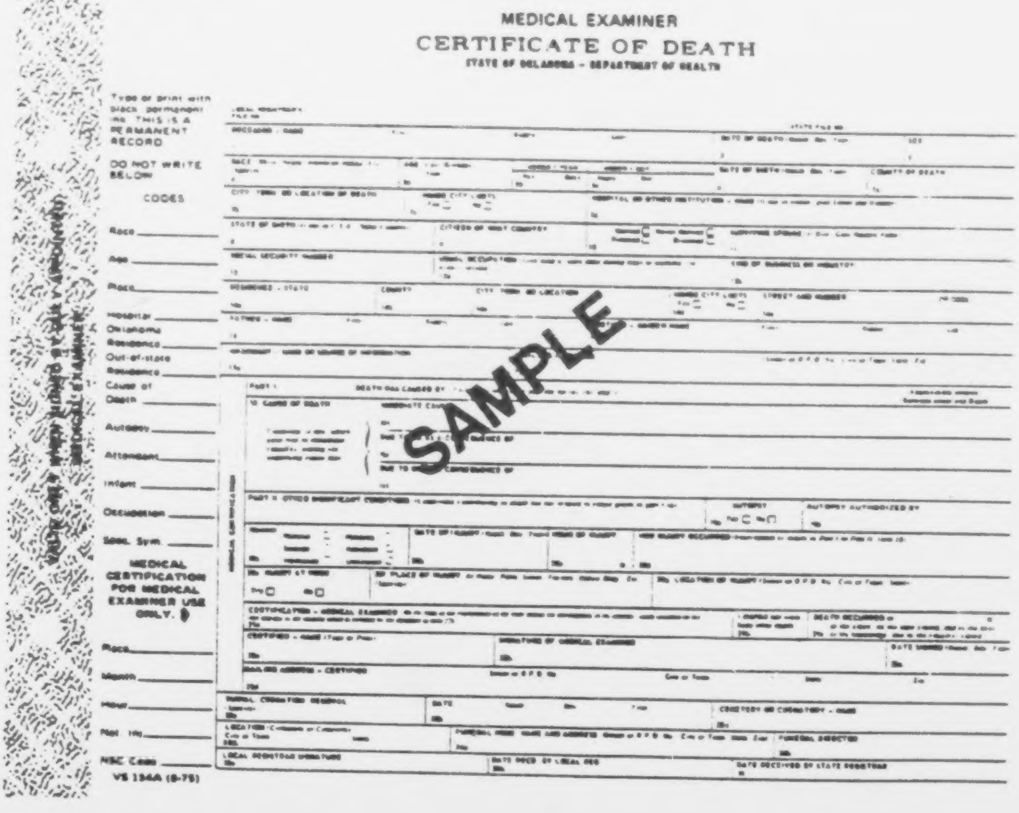
CODES

Race ____
Age ____
Place ____
Hospital ____
Oklahoma Residence ____
Out-of-state Residence ____
Cause of Death ____
Autopsy ____
Attendant ____
Infant ____
Occupation ____
Spec. Sym. ____
Place ____
Month ____
Hour ____
Nat. Inj. ____
NSC Code ____

SAMPLE

VS 134 (7-75)

FIGURE 3



MEDICAL EXAMINER
CERTIFICATE OF DEATH
STATE OF OKLAHOMA - DEPARTMENT OF HEALTH

Type or print with black permanent ink THIS IS A PERMANENT RECORD

DO NOT WRITE BELOW

CODES

Race ____
Age ____
Place ____
Hospital ____
Oklahoma Residence ____
Out-of-state Residence ____
Cause of Death ____
Autopsy ____
Attendant ____
Infant ____
Occupation ____
Spec. Sym. ____

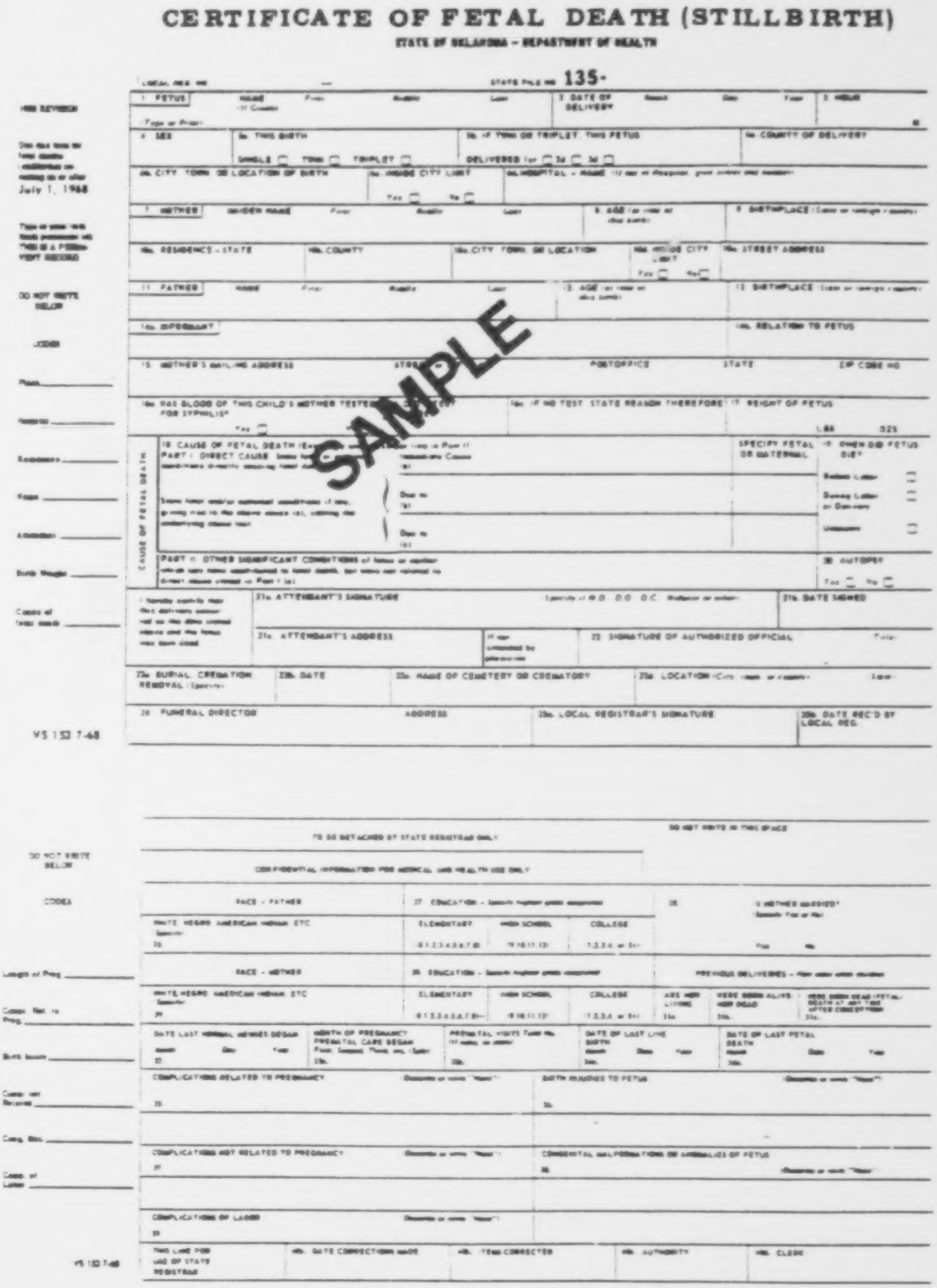
MEDICAL CERTIFICATION FOR MEDICAL EXAMINER USE ONLY.

Race ____
Month ____
Hour ____
Nat. Inj. ____
NSC Code ____

SAMPLE

VS 134A (8-75)

FIGURE 4



CERTIFICATE OF FETAL DEATH (STILLBIRTH)

STATE OF OKLAHOMA – DEPARTMENT OF HEALTH

STATE FILE NO. 135-

July 1, 1968

1. FETUS — NAME — First — Middle — Last
2. DATE OF DELIVERY — Month — Day — Year
3. HOUR
4. SEX
5a. THIS BIRTH — SINGLE ☐ TWIN ☐ TRIPLET ☐
5b. IF TWIN OR TRIPLET, THIS FETUS DELIVERED 1st ☐ 2d ☐ 3d ☐
6a. COUNTY OF DELIVERY
6b. CITY, TOWN, OR LOCATION OF BIRTH
6c. INSIDE CITY LIMIT — Yes ☐ No ☐
6d. HOSPITAL – NAME
7. MOTHER — MAIDEN NAME — First — Middle — Last
8. AGE
9. BIRTHPLACE
10a. RESIDENCE - STATE
10b. COUNTY
10c. CITY, TOWN, OR LOCATION
10d. INSIDE CITY LIMIT — Yes ☐ No ☐
10e. STREET ADDRESS
11. FATHER — NAME — First — Middle — Last
12. AGE
13. BIRTHPLACE
14a. INFORMANT
14b. RELATION TO FETUS
15. MOTHER'S MAILING ADDRESS — STREET — POSTOFFICE — STATE — ZIP CODE NO.
16a. WAS BLOOD OF THIS CHILD'S MOTHER TESTED FOR SYPHILIS? — Yes ☐
16b. IF NO TEST, STATE REASON THEREFORE
17. WEIGHT OF FETUS — LBS. — OZS.

CAUSE OF FETAL DEATH

18. CAUSE OF FETAL DEATH
PART I. DIRECT CAUSE
Immediate Cause (a)
Due to (b)
Due to (c)
SPECIFY FETAL OR MATERNAL
19. WHEN DID FETUS DIE?
PART II. OTHER SIGNIFICANT CONDITIONS
20. AUTOPSY — Yes ☐ No ☐
21a. ATTENDANT'S SIGNATURE — M.D. D.O. D.C.
21b. DATE SIGNED
21c. ATTENDANT'S ADDRESS
22. SIGNATURE OF AUTHORIZED OFFICIAL — Title
23a. BURIAL, CREMATION, REMOVAL (Specify)
23b. DATE
23c. NAME OF CEMETERY OR CREMATORY
23d. LOCATION (City, town, or county) — State
24. FUNERAL DIRECTOR — ADDRESS
25a. LOCAL REGISTRAR'S SIGNATURE
25b. DATE REC'D BY LOCAL REG.

SAMPLE

VS 153 7-68

DO NOT WRITE IN THIS SPACE

DO NOT WRITE BELOW

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

CODES

RACE – FATHER — WHITE, NEGRO, AMERICAN INDIAN, ETC.
27. EDUCATION — ELEMENTARY — HIGH SCHOOL — COLLEGE
RACE – MOTHER — WHITE, NEGRO, AMERICAN INDIAN, ETC.
EDUCATION — ELEMENTARY — HIGH SCHOOL — COLLEGE
PREVIOUS DELIVERIES
DATE LAST NORMAL MENSES BEGAN
MONTH OF PREGNANCY PRENATAL CARE BEGAN
PRENATAL VISITS
DATE OF LAST LIVE BIRTH
DATE OF LAST FETAL DEATH
COMPLICATIONS RELATED TO PREGNANCY
BIRTH INJURIES TO FETUS
COMPLICATIONS NOT RELATED TO PREGNANCY
CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS
COMPLICATIONS OF LABOR

Length of Preg.
Birth Injury
Cong. Mal.
Compl. of Labor

DATE CORRECTION MADE — ITEM CORRECTED — AUTHORITY — CLERK

VS 153 7-68